

2015

**BENGALI LETTER WRITING, DRAFTING OF REPORT, PRECIS WRITING,
COMPOSITION AND TRANSLATION**

Time Allowed --- 3 Hours

Full Marks ---200

If the question attempted are in excess of the prescribed number, only the questions attempted first up to prescribed number shall be valued and the remaining ones ignored.

১। নিজের পরিচয় বিবৃত না করে নিম্নলিখিত যে কোনো একটি বিষয়ে আপনার অভিমত কোন বাংলা দৈনিক পত্রিকার সম্পাদকের কাছে অনধিক ১৫০ শব্দের মধ্যে পত্রাকারে পেশ করুন। 8০

ক) নির্মল প্রযুক্তি (গ্রীন টেকনোলজি) ও ভারত।

খ) পরিবেশ পর্যটনে পশ্চিমবঙ্গের ভূমিকা।

গ) নারী নিগ্রহ ও নির্বিকার সমাজ।

(নিজের নাম ঠিকানার পরিবর্তে X, Y, Z লিখুন)

২। সোশ্যাল নেটওয়ার্কিং আজকের যুবসমাজকে অপরাধপ্রবন করে তুলছে এর সপক্ষে সম্পাদকীয় প্রতিবেদন লিখুন। (২০০ শব্দের মধ্যে লিখতে হবে) 8০

৩। নিম্নলিখিত অংশের সারমর্ম লিখুন। 8০

অনেকদিন থেকেই লিখে আসছি, জীবনের নানা পরের নানা অবস্থায় শুরু করেছি কাটা বয়সে--তখনও নিজেকে বুঝিনি। তাই আমার লেখার মধ্যে বাহুল্য এবং বজ্জনীয় জিনিস ভূরি ভূরি আছে তাতে সন্দেহ নেই। এ সমস্ত আবজ্ঞানা বাদ দিয়ে বাকী যা থাকে আশা করি তার মধ্যে এই ঘোষণাটি স্পষ্ট যে,---আমি ভালোবেসেছি এই জগৎকে, আমি প্রণাম করেছি মহৎকে, আমি কামনা করেছি মুক্তিকে, যে মুক্তি পরম পুরুষের কাছে আত্মনিবেদনে, আমি বিশ্বাস করেছি মানুষের সত্য মহামানবের মধ্যে যিনি সদা জনানাৎ হৃদয়ে সন্নিবিষ্ট। আমি আবাল্য অভ্যস্ত ঐকান্তিক সাহিত্যসাধনার গভীরে অতিক্রম করে একদা সেই মহামানবের উদ্দেশে যথাসাধ্য আমার কর্মের অর্থা, আমার ত্যাগের নৈবেদ্য আহরণ করেছি--তাতে বাইরের থেকে যদি বাধা পেয়ে থাকি অন্তরের থেকে পেয়েছি প্রসাদ। আমি এসেছি এই ধরণীর মহাতীর্থে--এখানে সর্বদেশ সর্বজাতি ও সর্বকালের ইতিহাসের মহাকেন্দ্রে আছেন নরদেবতা--তঁরই বেদীমূলে নিভুতে বসে আমার অহঙ্কার আমার ভেদবুদ্ধি ক্ষালন করবার দুঃসাধ্য চেষ্টায় আজও প্রবৃত্ত আছি।

আমার যাকিছু অকিঞ্চিৎকর তাকে অতিক্রম করেও যদি আমার চরিত্রের অন্তরতম প্রকৃতি ও সাধনা লেখায় প্রকাশ পেয়ে থাকে, আনন্দ হয়ে থাকে, তবে তার পরিবর্তে আমি প্রীতি কামনা করি, আর কিছু নয়। এ কথা যেন জেনে যাই, অকৃত্রিম সৌহার্দ্য পেয়েছি, সেই তাঁদের কাছে যারা আমার সমস্ত ত্রুটি সত্ত্বেও জেনেছেন সমস্ত জীবন আমি কি চেয়েছি, কি পেয়েছি, কি দিয়েছি, আমার অপূর্ণ জীবন অসমাপ্ত সাধনার কি ইঙ্গিত আছে।

মর্গ্যালোকের শ্রেষ্ঠদান এই প্রীতি আমি পেয়েছি এ কথা প্রণামের সঙ্গে বলি। পেয়েছি পৃথিবীর অনেক বরণীয়দের হাত থেকে --তাদের কাছে কৃতজ্ঞতা নয়, আমার হৃদয় নিবেদন করে দিয়ে গোলাম। তাঁদের দক্ষিণ হাতের স্পর্শে বিরাট মানবেরই স্পর্শ লেগেছে আমার ললাটে, আমার যা কিছু শ্রেষ্ঠ তা তাঁদের গ্রহণের যোগ্য হোক।

Please Turn Over

৪। অনুচ্ছেদটি পাঠ করে তা থেকে গৃহীত প্রশ্নগুলির উত্তর নিজের ভাষায় লিখুন।

৪০ (১০+৮+১২+১০)

আমি যে ভবিষ্যৎ বঙ্গদেশের কল্পনা করি, তাতে বর্তমানের মজানদীর এবং শুষ্ক খালের খাতে প্রচুর জলপ্রবাহের অশ্রান্ত কলধ্বনি শোনা যাচ্ছে। তাদের বন্ধের ক্ষীরধারায় সমস্ত দেশ ফলে ফুলে শস্যে অপূর্ণ শ্রী ধারণ করেছে। আমি যে ভবিষ্যতের কল্পনা করি, তাতে বাংলার প্রত্যেক পল্লীতে এবং প্রত্যেক জনপদে তার নিজস্ব নদী অথবা খাল আছে, যাদের সাহায্যে উর্বৃত্ত বর্ষার জল অবাধে সাগর পথে প্রবাহিত হচ্ছে, বর্তমানের মত সে জল ম্যালেরিয়ার মশার সূতিকাগারের সৃষ্টি করেছে না। আমি যে ভবিষ্যতের কল্পনা করি, তাতে প্রত্যেক গৃহস্থের বাড়ী গৃহশিল্পের আলপনার সুন্দর এক একটি নিদর্শন হয়ে বিরাজ করেছে। বর্তমানের মত গৃহ সৌন্দর্য পিপাসুর মনে নিত্য সে নুতন যন্ত্রণার কারণ হচ্ছে না! আমি যে ভবিষ্যতের কল্পনা করি, তাতে প্রত্যেক গ্রামের নিজস্ব বাগান, নিজস্ব খেলার মাঠ, নিজস্ব পাঠাগার, নিজস্ব ক্লাব বা ইনস্টিটিউট আছে। আর গ্রামবাসীরা সেই সব প্রতিষ্ঠান পরস্পর সহযোগিতায় নিত্য নুতন আনন্দের সন্ধান পাচ্ছে। আমি যে ভবিষ্যতের কল্পনা করি, তাতে প্রশস্ত সুগঠিত রাজপথ দেশের প্রত্যেকটি গ্রামের সঙ্গে প্রত্যেকটি গ্রামকে প্রত্যেকটি নগরের সঙ্গে প্রত্যেকটি নগরকে সুলভ রেখেছে! আমি যে ভবিষ্যতের কল্পনা করি, তাতে বাংলার গৃহপালিত পশুপক্ষীর শ্রী এবং সৌন্দর্য বাংলার গৌরবের বিষয় হয়ে দাঁড়িয়েছে। আমি যে ভবিষ্যতের কল্পনা করি, (তার মাংশপেশীবহুল, সুঠাম, বলিষ্ঠ দেহ বাঙালী বৈদেশিকের বিস্ময় উৎপাদন করেছে। আমি যে ভবিষ্যতের কল্পনা করি, তাতে বাঙালী নারীর স্বাস্থ্য এবং সৌন্দর্য বিশ্ববাসীর প্রশংসার বস্তু হয়ে দাঁড়িয়েছে।) আমি যে ভবিষ্যতের কল্পনা করি, তার বিদ্যানিকেতনগুলির স্থাপত্য-সৌন্দর্য, তাদের উদ্যানের শোভা, তাদের বেষ্টনীর মনোহারিত্ব মানুষের মনকে সৌন্দর্যের অপরূপ জগতের সন্ধান দিচ্ছে! আর সেই সব প্রতিষ্ঠানের আচার্য এবং ছাত্রদের পরস্পরের স্নেহ এবং প্রীতি নাগরিকদের আদর্শ হয়ে উঠেছে, তাদের সত্য-শ্রেয়ঃ-সুন্দরের সাধনা বিশ্বের অনুকরণীয় গৌরবের বিষয় হয়ে দাঁড়িয়েছে। আমি যে ভবিষ্যতের স্বপ্ন দেখছি, তাতে হিন্দু তার ধর্মের অন্তর্নিহিত সনাতন সত্যের সন্ধান পেয়েছে, মুসলমান তার ধর্মের অন্তর্নিহিত শাস্ত সত্যের সন্ধান পেয়েছে, আর উভয়েই মর্মে মর্মে বুঝেছে যে, যেখানে সুন্দর সেখানে দ্বৈষ-হিংসা নাই, যেখানে শ্রেয়ঃ-সেখানে সঙ্কীর্ণতা নাই, কার্পণ্য নাই, আলোকের পথে অন্তহীন একাগ্র অভিযানই সকলের ধর্ম হয়ে দাঁড়িয়েছে। আমি যে ভবিষ্যতের স্বপ্ন দেখি, তার সাহিত্য থেকে ফাঁক, আড়ম্বর আর ভাবের দৈন্য চিরতরে বিদায় গ্রহণ করেছে। সত্য-শ্রেয়ঃ-সুন্দরের নিত্য নুতন অনুভূতিতে সে সাহিত্য নিত্য নুতন পথ রচনা করেছে। সে সাহিত্যের দৃষ্টি সম্ভাবনহীন অতীতের দিকে নয়, দৃষ্টি তার সম্ভাবনাপূর্ণ ভবিষ্যতের দিকে।

১) ধর্ম-নির্মে লেখকের ভাবনা কী? ^{১০}

২) সত্য-শ্রেয়ঃ-সুন্দরের সাধনা নিয়ে কোন স্বপ্ন লেখক গৌরবের বিষয় হবে বলে মনে করেন? ^৬

৩) আদর্শ গ্রাম বাংলার কল্পনার রূপটি লিখুন? ^{১২}

৪) বাঙালী নারী পুরুষের কোন চেহারা লেখকের পছন্দ? সাহিত্য নিয়ে তাঁর বক্তব্য কী? ^{২০}

৫। নিম্নোক্ত অনুচ্ছেদটির বঙ্গানুবাদ করুন।

৪০

We in India do not have to go abroad in search of the past and the distant. We have them here in abundance. If we go to foreign countries it is in search of the present. That search is necessary, for isolation from it means backwardness and decay. The old barriers are breaking down and life becomes more international. We have to play our part in this coming internationalism and, for this purpose, to travel, meet others, learn from them and understand them. But a real internationalism is not something in the air without roots or anchorage. It has to grow out of national cultures and can only flourish to-day on a basis of freedom and equality and true internationalism. We are citizens of no mean country and we are proud of the land of our birth, of our people, our culture and traditions. That pride should not be for a romanticised past to which we want to cling; nor should it encourage exclusiveness or a want of appreciation of other ways than ours. It must never allow us to forget our many weaknesses and failings or blunt our longing to be rid of them. We have a long way to go and much lee-way to make up before we can take our proper station with others in the van of human civilization and progress. And we have to hurry, for the time at our disposal is limited and the pace of the world grows ever swifter.

2015

ENGLISH-LETTER WRITING, DRAFTING OF REPORT, PRECIS WRITING,
COMPOSITION AND TRANSLATION

Time Allowed : 3 Hours

Full Marks : 200

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

1. Write a letter (within 200 words) to the editor of a newspaper on the ways and means of preventing the molestation of women and children in India. (Write X, Y, Z in place of your name and address, etc.). 40
2. Draft a report (within 250 words) on the problems of immigration and refugees in the world today. 40
3. Write a dialogue between two elderly persons on the future of the study of Humanities in India. 40
4. Make a precis of the following passage and add a suitable title :

I quite understand that food and the utensils to eat it out of are both needful to man. But where there is a shortage of food, a parsimony in regard to utensils also becomes necessary. To make the paraphernalia of our Education so expensive that Education itself becomes difficult of attainment would be like squandering all one's money in buying money-bags.

We in the East have had to arrive at our own solution of the problem of life. We have, as far as possible, made our food and clothing unburdensome ; and this our very climate has taught us to do. We require openings in the walls more than the walls themselves. Light and air have more to do with our wearing apparel than the weavers' loom. The sun makes for us the heat-producing factors which elsewhere are required from food-stuffs. All these natural advantages have moulded our life to a particular shape, which I cannot believe it will be profitable to ignore in the case of our education.

I do not seek to glorify poverty. But simplicity is of greater price than the appendages of luxury. The simplicity of which I speak is not merely the effect of a lack of superfluity ; it is one of the signs of perfection. When this dawns on mankind, the unhealthy fog which now besmirches civilization will be lifted. It is for lack of this simplicity that the necessaries of life have become so rare and costly.

Most things in the civilized world, such as eating and merry-making, education and culture, administration and litigation, occupy more than their legitimate space. Much of their burden is needless ; and in bearing it civilized man may be showing great strength, but little skill. To the gods, viewing this from on high, it must seem like the floundering of a giant who has got out of his depth and knows not how to swim. (317 words) 40

P. T. O.

5. Translate the following passage into English :

অল্প অল্পের ব্যবসানে একাধিক প্ৰিয়জনের মৃত্যু রবীন্দ্রনাথের
দায়িত্ব দুর্ভাগ্য। কিন্তু এই কয়জন আত্মজ্ঞাতকে রবীন্দ্রনাথ অস্বীকার
হতে দেখেনি। তাঁর 'মেঘা' ও 'গীতবাহিনী' এই বেদনার ক্রমসূত্র। তাঁর
জীবন ও তাঁর কাব্য মেন প্রথম একটা পারিভ্রমিক প্রতীক্ষা করছিল।
কালের পঙ্কজের সঙ্গে প্রথম রৌদ্রের প্রয়োজন ছিল। তাঁর মর্মে কারুণ্যের
সংস্কার না হলে তিনি সকলের সব কালের কবি ও প্রতিভা হতে পারতেন
না। প্ৰিয়-বিয়োগের প্রভাব রবীন্দ্রনাথের স্রোতকে একান্ত mystic-জবাবদ
করলে। তিনি ওজবানের মর্মে হারমোনি প্রিয়দের অর্থে সেলেন, তাই ওজবান
হলেন তাঁর প্ৰিয়জন। তিনি এতদিন পিতা ছিলেন, তিনি হলেন মাতা ও
স্নেহিক।

অকস্মাৎ রবীন্দ্রনাথ পৃথিবীব্যাপী অ্যাতির অধিকারী হন। ইতিহাসে
অনুরূপ ঘটনার উল্লেখ নেই। যোগসম্মারিনোদনের জন্যে কয়েকটি বাংলা
রচনার ইংরেজি অনূদিত করেছিলেন, সেগুলি কী মনে করে লক্ষ্যপ্রতিষ্ঠ
আইরিশ কবি ইয়োসেফে পড়েছেন। একদা জেমন দুর্ভাগ্যের ভিত্তি জন্মেছিল
একদিন তেমনি মশা, অর্ধ ও অজ্ঞান বন্যার মতো দিগ্দিগন্ত ব্যাপ্ত করে
এল। দুঃখের সময় মিনি অজিত হননি মৃত্যুর দিনেও তিনি অজিত
হলেন না। বর্ষের কবি বিশ্বের অর্ঘ্য ক্রমসূত্রে নিলেন।

CDW-(C)7/15

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO

2015

TEST BOOKLET

Paper - III

Time allowed : 3 hours

Full marks : 200

Answer *all* the questions

Questions are of equal value

TEST BOOKLET SERIES

D

Serial No.

1384

Roll No. :

Signature of the Candidate :


INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions :

1. This booklet consists of 32 pages including the front page. Verify the Page Nos. and Test Booklet Series on each page and bring at once to the Invigilator's notice any discrepancy.
2. Answer will have to be given in the Special Answers-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card. **Do not fold the Answer-Sheet as this will result in error in your marks.**
4. All questions are of multiple-choice answer-type. You will find four probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the oval corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. If more than one oval is encoded for a particular answer, it will be treated as a wrong answer.
6. There will be negative marking of 1/3 mark for each wrong answer.
7. *The Special Answer-Sheet should be handed over to the Invigilator in the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.*

[Please Turn Over]

- 1) Which river has been harnessed under the Hirakud multi-purpose Project?
- (A) Godavari
(B) Mahanadi
(C) Narmada
(D) Krishna
- 2) Which state in India has the largest proportion of its net irrigated area under well irrigation?
- (A) Hariyana
(B) Bihar
(C) Gujarat
(D) West Bengal
- 3) Which State is called the 'Sugar Bowl' of India?
- (A) Uttar Pradesh
(B) Punjab
(C) Andhra Pradesh
(D) Bihar
- 4) The typical area of 'Sal' forests in the Indian Peninsula occurs
- (A) On the Western Ghats
(B) Between the Tapti and the Narmada
(C) To the North-East of Godavari
(D) On the Malwa Plateau
- 5) Sugarcane cultivation in India is an example of
- (A) Plantation agriculture
(B) Shifting cultivation
(C) Irrigated cultivation
(D) Mechanised cultivation
- 6) What is Jhum?
- (A) A type of cultivation
(B) A type of swinging basket
(C) A river valley in a dry region
(D) A tribal dance in MP
- 7) Which Sanctuary in Kerala is known for elephants?
- (A) Parakal
(B) Periyar
(C) Chandraprabha
(D) Kanha
- 8) Vector and Raster data are used for
- (A) Remote sensing application
(B) Geographical information system application
(C) Global positioning system
(D) All of the above

- 9) Pie-diagram is best example of representation of
- (A) Land use
- (B) Distribution of population**
- (C) Spot heights
- (D) Crop production
- 10) The most appropriate symbol for representing urban centres on maps is
- (A) Dots 
- (B) Circles
- (C) Spheres
- (D) None of the above
- 11) Location of sugar industry in India is shifting from north to south because of
- (A) Cheap labour
- (B) Expanding regional market
- (C) Cheap and abundant supply of power
- (D) High yield and high sugar content in sugar cane**
- 12) Copper is produced in
- (A) Rajasthan and Bihar
- (B) Uttar Pradesh and Rajasthan
- (C) Bihar, Uttar Pradesh and Rajasthan
- (D) Odisha, Rajasthan and Bihar**
- 13) In the process of industrial development of India, the investment per enterprise in the public sector was the highest during the
- (A) First five year plan
- (B) Third five year plan
- (C) Fifth five year plan
- (D) Seventh five year plan
- 14) Unlike other parts of the Indian Coast, fishing industry has not developed along the Saurashtra Coast because
- (A) There are few indentations suitable for fishing
- (B) Of overwhelming dependence on agriculture and animal husbandry
- (C) The seawater is relatively more saline**
- (D) Of industrial development leading to widespread pollution of coastal area
- 15) Which one of the following statements is incorrect?
- (A) Maximum number of cotton yarn and textile mills are located in Gujarat.
- (B) Carpet industry is chiefly in the State of Uttar Pradesh**
- (C) Cotton textile industry provides jobs to the maximum number of people
- (D) The first cotton mill was set-up at Fort Gloster in Calcutta

16) Modern industrial development of India is largely due to -

- (A) Rationalisation of raw material
- (B) Availability of skilled manpower
- (C) Liberalisation of government policies
- (D) Increase in market demand

17) Which of the following factors are responsible for the rapid growth of sugar production in South India as compared to North India?

- (a) Higher per acre yield of Sugarcane
- (b) Higher Sucrose content of Sugarcane
- (c) Lower labour cost
- (d) Longer crushing period

Choose the correct Code

- (A) a & b
- (B) a, b & c
- (C) a, c &, d
- (D) a, b & d

18) Neapanagar is famous for -

- (A) Paper Board industry
- (B) Carbon Paper industry
- (C) Craft Paper Industry
- (D) Newsprint Paper industry,

19) Which one of the following is not a GIS Software?

- (A) ARCVIEW
- (B) ORIRIS
- (C) ILWIS
- (D) IMAGE ANALYST

20) Which of the following is not the agencies for carrying out the aerial photography in India?

- (A) National Remote Sensing Agency, Hyderabad
- (B) Air survey Company (Private) Limited, Calcutta
- (C) Indian Air Force
- (D) None of the above.

21) The highest water-fall in India is -

- (A) Hogenakal
- (B) Jog
- (C) Sivasundaram
- (D) None of the above

22) Consider the following statements -

1. India produced 8.5 million motor-cycles in 2009-10
2. India is largest producer of motor-cycles
3. India is the second largest exporter of passenger cars

Which of the above statements are correct?

- (A) 1 & 2
 (B) 1 & 3
 (C) 2 & 3
 (D) None of the above

23) Which of the following iron and steel plants was built to use charcoal as a source of power to start with but later switched over to hydroelectricity?

- (A) TISCO
 (B) IISCO
 (C) VISL
 (D) HSL

24) Consider the following statements and code the correct one -

- (a) Cotton textile is the largest industry in India
 (b) Cotton textile contributes about 35% of the total industrial production
 (c) Cotton textile provides employment to about 18% of the workforce
 (d) About 17% of India's total exports consist of textile

Code :

- (A) a, b & c
 (B) a, b & d
 (C) a, c & d
 (D) All of the above

25) Assertion (A) Iron and Steel Industry is called a basic industry Reason (R) Iron and Steel are alkaline in reaction

Codes :

- (A) Both A & R are true and R is the correct explanation of A
 (B) Both A & R are true, but R is not the correct explanation of A
 (C) A is true, but R is false
 (D) R is true but A is false

- 26) The first cotton mill of India was established at
- (A) Mumbai
 - (B) Ahmedabad
 - (C) Baroda
 - (D) Kolkata
- 27) Hindalco, an aluminium factory located at Renukut owes its site basically to
- (A) Proximity of raw materials
 - (B) Abundant supply of power
 - (C) Efficient transport network
 - (D) Proximity to the market
- 28) For which one of the following is Satara well known
- (A) Thermal Power plant
 - (B) Wind Energy plant
 - (C) Hydro-electric plant
 - (D) Nuclear Power plant
- 29) Where are the BHEL Plants located?
- (A) Hardwar, Bhopal, Hyderabad & Tiruchirapalli
 - (B) Pinjour, Bengaluru, Hyderabad & Kalamassery
 - (C) Hardwar, Pinjour, Kalamassery & Tiruchirapalli
 - (D) Bhopal, Jhansi, Haridwar & Tiruchirapalli
- 30) Which one of the following areas of India produces largest amount of cotton?
- (A) North western India and Gangetic Paschim Banga'
 - (B) North Western and Western India
 - (C) Western and Southern India
 - (D) Plains of Northern India
- 31) Which one of the following is most spoken Indo-Austic Language in India?
- (A) Khasi
 - (B) Santhali
 - (C) Munda
 - (D) Kharia
- 32) Which of the following Scheduled Tribe has a dispersed core?
- (A) AO
 - (B) Garo
 - (C) Santhal
 - (D) Bhil
- 33) Name the Five Year Plan (FY) in which the 'Voluntary Sterilisation Population Policy' was introduced?
- (A) 1st Five year Plan
 - (B) 2nd Five year plan
 - (C) 3rd Five year plan
 - (D) 4th Five year plan

- 34) The habitat of the Toda Tribe is -
- (A) Aravalli range
 - (B) Siwalik range
 - (C) Kaimur range
 - (D) Nilgiri hills
- 35) Which one of the following States has the lowest percentage of Scheduled Tribes?
- (A) Arunachal Pradesh
 - (B) Manipur
 - (C) Mizoram
 - (D) Nagaland
- 36) The Rourkela Steel plant was built on the bank of the
- (A) Bhadra river
 - (B) Brahmani river
 - (C) Damodar river
 - (D) Bhima river
- 37) According to the census 2011, India has what percentage of the total population of the world?
- (A) 16.64%
 - (B) 17.64%
 - (C) 18.64%
 - (D) 19.64%
- 38) Which one of the following is not the part of the definition of a town as per the census of India?
- (A) Population density of 400 persons per Sq. Km.
 - (B) Presence of Municipality Corporation etc.
 - (C) More than 75% of the population engaged in primary sector
 - (D) Population size of more than 5000 persons
- 39) The Zones and Strata theory pertaining to the origin and diffusion of human races was propounded by
- (A) Ripley
 - (B) Taylor
 - (C) Huntington
 - (D) Baker
- 40) Consider the following statements -
1. Textile industry is labour intensive
 2. Textile industry is export oriented
 3. India exports more textile goods than China
- Which of the statements given above are correct?
- (A) 1 & 2
 - (B) 2 & 3
 - (C) 1 & 3
 - (D) All of the above

- 41) The map in which distribution of different objects are shown by letter symbols are called -
- (A) Choroschematic maps
 - (B) Chorochromatic maps
 - (C) Choropleth maps
 - (D) All of the above
- 42) The main occupation of the Gonds is
- (A) Food gathering
 - (B) Forestry
 - (C) Hunting
 - (D) Cultivation
- 43) Which one of the following Union Territories has the highest literacy rate?
- (A) Chandigarh
 - (B) Dadar and Nagar Haveli
 - (C) Daman and Diu
 - (D) NCT of Delhi
- 44) Dry point settlements are common in
- (A) Deltas
 - (B) Mountain regions
 - (C) Deserts
 - (D) Plains
- 45) Which one of the following states recorded the lowest literacy in 2011?
- (A) Andhra Pradesh
 - (B) Assam
 - (C) Jharkhand
 - (D) Odisha
- 46) Settlements which grow along the road, river or a canal are
- (A) Square settlements
 - (B) Rectangular settlements
 - (C) Linear settlements
 - (D) None of the above
- 47) Between 2001 and 2011, India's population has increased by
- (A) 161 Million
 - (B) 171 Million
 - (C) 181 Million
 - (D) 191 Million

48) Which one of the following statements is incorrect?

- (A) Kerala has the highest literacy rate in India
- (B) Lakshdweep has the second highest literacy rate in the country.
- (C) Bihar has recorded the lowest female literacy rate.
- (D) Jammu and Kashmir has the literacy rate below the national level.

49) Arrange the literacy rates of the following States in descending order -

- a. Kerala
- b. Mizoram
- c. Tripura
- d. Goa

Codes :

- (A) a, b, d, c
- (B) a, b, c, d
- (C) a, d, b, c
- (D) a, d, c, b
- 50) About 85% of the total iron ore production of India is from -
- (A) Jharkhand and Odisha
- (B) Karnataka and Odisha
- (C) Bihar and Madhya Pradesh
- (D) Karnataka and Andhra Pradesh

51) Among the following States, which one has the largest forest area?

- (A) Gujarat
- (B) Karnataka
- (C) Odisha
- (D) Tamil Nadu

52) Diamond Mines are located at -

- (A) Uttar Pradesh
- (B) Karnataka
- (C) Madhya Pradesh
- (D) Gujarat

53) Which one of the following sets of conditions is necessary for a good cultivation of Wheat ?

- (A) Moderate temperature and moderate rainfall
- (B) High temperature and heavy rainfall
- (C) High temperature and moderate rainfall
- (D) Low temperature and low rainfall

54) Which one of the following does not belong to biosphere reserves set-up so far?

- (A) Great Nicobar
- (B) Sunderbans
- (C) Nanda Devi
- (D) Gulf of Kachch

- 55) Reserved Forest is a forest -
 - (A) Totally under Government control
 - (B) Meant mainly for tribal people
 - (C) Earmarked for commercial exploitation with restricted grazing
 - (D) With wild life protection

- 56) The Western Ghats in Maharashtra is known as-
 - (A) Nilgiris
 - (B) Cardamom Hills
 - (C) Annamalai
 - (D) Sahyadris

- 57) The upliftment of the Himalayas was first initiated during the period of -
 - (A) Middle Pliocene
 - (B) Middle Oligocene
 - (C) Middle Eocene
 - (D) Middle Miocene

- 58) Structurally, the Great Himalaya is -
 - (A) An autochthonous zone
 - (B) A par-autochthonous zone
 - (C) An allochthonous zone
 - (D) A Suture zone

Handwritten calculations for question 57:

$$\frac{11}{7} \times \frac{27000}{2} = 2000$$

Handwritten calculations for question 58:

$$2 \times \frac{22}{7} \times \frac{27000}{2}$$

- 59) Indian's Eastern Ghats and Western Ghats meet at the -
 - (A) Cardamom Hills
 - (B) Annamalai Hills
 - (C) Nilgiri Hills
 - (D) Palani Hills

- 60) Which one of the following is at the lowest height above the Mean Sea Level?
 - (A) Delhi
 - (B) Jodhpur
 - (C) Kota
 - (D) Nagpur

- 61) The approximate Cirumferance of the Earth is:
 - (A) 23,000 km
 - (B) 20,000 km
 - (C) 40,000 km
 - (D) 35,000 km

- 62) The speed of rotation of the Earth is the highest :
 - (A) Along the Equator
 - (B) At the North Pole
 - (C) Along the Tropic of Cancer
 - (D) Along the Arctic Circle



- 63) Ecosystem has two components :
- (A) Plants and animals
 - (B) Weeds and trees
 - (C) Biotic and abiotic
 - (D) Frogs and man
- 64) Peaty soil is found in :
- (A) Kerala
 - (B) Assam
 - (C) Manipur
 - (D) Gujarat
- 65) Among the following which one is related to Blue Revolution of India ?
- (A) Horticulture
 - (B) Sericulture
 - (C) Pisciculture
 - (D) Floriculture
- 66) Which of the following Islands of India has volcanic origin ?:
- (A) Car-Nicobar
 - (B) Barren
 - (C) North Andaman
 - (D) Little Nicobar
- 67) Aluminium Factory of West Bengal is located at :
- (A) Falta
 - (B) Asansol
 - (C) Durgapur
 - (D) Batanagar
- 68) Lowest rainfall of West Bengal is found in :
- (A) Purulia
 - (B) Birbhum
 - (C) Paschim Midnapore
 - (D) Bankura
- 69) West Bengal was formed on :
- (A) 1st January of 1905
 - (B) 15th August of 1947
 - (C) 26th January of 1950
 - (D) 14th April of 1948

70) Consider the following statements and select the correct answer using codes given below :

I. Rivers of Sunderban Region are fed by high tides

II. Most of the rivers of Sunderban Region are distributaries of Hooghly

III. Haldi is a tributary of Hooghly

IV. Saptamukhi and Piyali fall in Sunderban Region

(A) I & III

(B) II & III

(C) I, II & IV

(D) None of the above.

71) Which one of the following statements is incorrect?

(A) Diu is an island in the Gulf of Khambhat

(B) Daman and Diu were separated from Goa by the 56th Amendment of the Constitution of India

(C) Dadra and Nagar Haveli were under French Colonial Rule till 1954

(D) Goa attained full statehood in 1987

72) Which one among the following statements is incorrect?

(A) Sikkim, West Bengal, Arunachal Pradesh and Jammu & Kashmir are having boundary touching maximum no. of Countries

(B) West Bengal has the highest population density

(C) Mumbai City is the largest District

(D) Bihar has the lowest literates

73) Among the following cities which one is the nearest to the tropic of Cancer ?

(A) Delhi,

(B) Kolkata,

(C) Jodhpur,

(D) Nagpur

74) The World's highest ground based Telescopic Observatory is located in :

(A) Columbia

(B) India

(C) Nepal

(D) USA

75) Consider the following statements and select the correct answer using codes given below:

- I. Gilandi and Mujnai are flown in Coochbehar
- II. Mahananda, Piyali and Titli belongs to Brahmaputra River system
- III. Damodar River is originated from Chhotonagpur Plateau.

- (A) I & III are correct
- (B) I & II are correct
- (C) II & III are correct
- (D) All are correct

76) Severe drought is called when :

- (A) Shortage of annual rain fall is by more than 50%
- (B) Shortage of annual rain fall by more than 80%
- (C) Shortage of annual rain fall by more than 60%
- (D) None of the above

77) Wular Lake of Kashmir is :

- (A) Ox-bow Lake
- (B) Lake formed by tectonic activity
- (C) Lake formed by terminal morainic dam
- (D) Lake formed by continuous deposition of silt

78) Which one of the following is most prone to earth quake ?

- (A) High hill-tops
- (B) Young folded mountain
- (C) Oil shields
- (D) All of the above

79) The highest peak of the Himalayas in India is in:

- (A) Uttar Pradesh
- (B) Kashmir
- (C) Sikkim
- (D) Himachal Pradesh

80) The States which have common borders with China are :

1. Jammu & Kashmir
2. Sikkim
3. Arunachal Pradesh
4. Himachal Pradesh

Which is the correct code -

- (A) 1 & 3
- (B) 1, 3 & 4
- (C) 1, 2 & 3
- (D) 1, 2, 3 & 4

- 81) Formation of potholes in river beds is an example of:
- (A) Hydration
 (B) Corrosion
 (C) Erosion
 (D) Attrition
- 82) Golden Revolution refers to :
- (A) Apiculture
 (B) Horticulture
 (C) Sericulture
 (D) None of the above
- 83) Which one of the following regions of the World is called the bread basket of the World?
- (A) Temperate Grass land
 (B) Tropical monsoonal region
 (C) Savana Grass land
 (D) Mediterranean region
- 84) Which of the following percentage of solar radiation is absorbed by the atmosphere ?
- (A) 14%
 (B) 16%
 (C) 10%
 (D) 20%
- 85) Which of the following time, the highest temperature is found in the Earth ?
- (A) 12 NOON
 (B) 2 P.M.
 (C) 1 P.M..
 (D) 12.30 P.M.
- 86) Among the following countries, which one has the largest concentration of Railways ?
- (A) India
 (B) South Africa
 (C) Egypt
 (D) Algeria
- 87) Which of the following countries produce the largest amount of crude steel of the World?
- (A) Japan
 (B) China
 (C) South Korea
 (D) India

88) Which one of the following statement is NOT correct ?

- (A) India is the second largest producer of Nitrogenous Fertilizer in the World
- (B) India is the ninth largest steel producing country in the World
- (C) India is the second largest producer of Silk in the World
- (D) India is the third in the World in Coal production

89) Which of the following crops are most suitable for cultivation under scanty rainfall?

I. Horsegram

II. Rice

III. Mustard

IV. Wheat

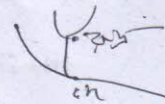
- (A) I and II
- (B) II and IV
- (C) II and III
- (D) I and III

90) How many kilometers are represented by 1 degree of latitude ?

- (A) 211
- (B) 111
- (C) 91
- (D) 131

91) Which one of the following places is located at the confluence of Alakananda & Bhagirathi?

- (A) Vishnuprayag
- (B) Devaprayag
- (C) Rudraprayag
- (D) Karnaprayag



92) The Amarkantak Hill is the source of two Rivers flowing in two different directions (West and East). They are -

- (A) Narmada and Tapi
- (B) Narmada and Mahanadi
- (C) Tapi and Betwa
- (D) Tapi and Son

93) Which of the following pairs is incorrectly matched?

- (A) Kosi : Consequent River
- (B) Narmada : Rift Valley River
- (C) Sultej : Antecedent River
- (D) Ghagghar : River with interior drainage

94) The Indus and Brahmaputra Rivers are examples of:

- (A) Subsequent Drainage
- (B) Superimposed Drainage
- (C) Consequent Drainage
- (D) Antecedent Drainage

- 95) The immediate cause for the SE Trades to cross the equator and blow as SW Monsoon winds over India is the :
- (A) Intense low pressure over Tibet
 (B) Heated Ganga Plain
 (C) Intense low pressure area of Thar desert
 (D) High temperature over Chhotonagpur Plateau
- 96) The term 'Regur' refers to :
- (A) Deltaic alluvial soils
 (B) Lateritic soils
 (C) Black Cotton Soils
 (D) Red and yellow soils
- 97) The EL Nino which influence the Indian monsoon is -
- (A) A cold ocean current that flows Northward along the Coast of Chile
 (B) A warm ocean current that flows Westwards along the Coast of Ecuador and Peru
 (C) A low pressure system over Western Coast of Spain
 (D) None of the above.
- 98) The Black Cotton Soil of India -
- I. Is mainly distributed over the River valley of the Deccan
 II. Is distributed over the Lava Region of the Deccan
 III. Has a great capacity of retaining moisture, is extremely fertile at surface
 IV. Occupies about 10% of the total area of the country.
- Choose the correct Code -
- (A) I, II & III
 (B) I, III & IV
 (C) II & III
 (D) III & IV
- 99) is the largest district of West Bengal in size -
- (A) South 24 Parganas
 (B) Midnapore (West)
 (C) Burdwan
 (D) Jalpaiguri

(107)

- 100) Which one of the following statements is correct?
- (A) Stormy weather conditions is indicated by sudden fall in barometer reading
 - (B) Copernicus has for the first time stated that the Earth was spherical
 - (C) Cloudy nights are warmer compared to clear cloudless nights because of absorption of heat from atmosphere and send it towards Earth
 - (D) None of the above
- 101) Subhas Chandra Bose fought the presidential elections in 1939 on the ground that
- (A) He did not like the nomination of Sitaramayya
 - (B) He pleaded for elections instead of nominations
 - (C) He was opposed to Gandhiji
 - (D) He favoured an aggressive policy which was opposed by the Congress Leaders
- 102) Lord Macaulay was associated with
- (A) Reforms in the army
 - (B) Abolition of Sati
 - (C) Codification of Laws
 - (D) Permanent settlement
- 103) The lower castes tried to assert themselves by borrowing and imitating customs and manners of the upper castes. This was termed as Sanskritisation by
- (A) M.K. Gandhi
 - (B) Bernard Cohn
 - (C) B.R. Ambedkar
 - (D) M.N. Srinivas
- 104) Who among the following was not a member of the Congress Socialist Party, although he encouraged and blessed its formation?
- (A) Achyuta Patwardhan
 - (B) Jawaharlal Nehru
 - (C) Jayaprakash Narayan
 - (D) Acharya Narendra Dev
- 105) The Congress president who conducted negotiations with Cripps in 1942 and Wavell at the Simla Conference was
- (A) Abul Kalam Azad
 - (B) Jawahar Lal Nehru
 - (C) J.B Kripalani
 - (D) C. Rajagopalachari

- 106) Which one of the following adumbrated principles and constitutional provisions which were later incorporated in the Montague-Chelmsford Reforms?
- (A) Nehru Report *a b c d*
- (B) Wavell Plan
- (C) Lucknow Pact
- (D) Poona Pack
- 107) The British Government introduced the portfolio system for the first time in
- (A) 1853
- (B) 1858
- (C) 1861
- (D) 1892
- 108) The Whitley Commission was concerned with
- (A) Labour
- (B) Education
- (C) Public Health
- (D) Reorganisation of Civil Service
- 109) The Indian Association played an important role in arousing national consciousness through the formation of the
- (A) Indian National Congress
- (B) Bengal British Indian Society
- (C) Indian National Conference
- (D) British India Association
- 110) Who designed the National Flag of India, adopted by the Constituent Assembly on July, 21, 1947?
- (A) Badr-ud-din-Tyabji
- (B) Rabindranath Tagore
- (C) Abanindranath Tagore
- (D) Abul Kalam Azad
- 111) Which of the following is correctly paired?
- (A) Panjbee - T. Prakasam and M. Krishna Rao
- (B) Bharata Mata - Ajit Singh
- (C) Krishna Patrika - M.G. Ranade
- (D) Quarterly Journal - Lajpat Rai

112) Which of the following is correctly paired?

- (A) Antipartition and Swadeshi Movements - Lord Lansdowne
- (B) Factory Act of 1891-Lord Curzon
- (C) Establishment of an agricultural Research Institution at pusa - Lord Minto
- (D) Rowlatt Act - Lord Chelmsford

113) Who said 'the congress movement was neither inspired by the people not devised or planned by them?'

- (A) Lala Lajpat Rai
- (B) Sir Syed Ahmad Khan
- (C) Lord Curzon
- (D) Lord Dufferin

114) Who described Bal Gangadhar Tilak as the 'father of Indian unrest'?

- (A) Valentine Chirol
- (B) Disrachi
- (C) Minto-II
- (D) Chelmsford

115) What is the name of the Bengali monthly founded and edited by Bankim Chandra Chatterjee in 1873?

- (A) Soma Prakasha
- (B) Bangaduta
- (C) Bangadarshana
- (D) Bengalee

116) When and by whom was the 'Nair Service Society' founded?

- (A) 1905 - Narayana Guru
- (B) 1910 - T.M. Nair
- (C) 1914 - M. Padmanabha Pillai
- (D) 1916 - K. Ramakrishna Pillai

117) Tamil journal, Kudi Arasu was founded by whom?

- (A) Anna Durai
- (B) P. Tyagaraja Ehatti
- (C) T.M. Nair
- (D) E.V. Ramaswamy Periyar

118) Which of the following were the original founders of the Theosophical society?

(i) Madam H.P. Blavatsky

(ii) Mrs. Annie Besant

(iii) Colonel H.S. Olcott

(iv) Colonel O.P. Walburn

Choose the answer from the codes given below

(A) i and ii

(B) ii and iii

(C) i and iii

(D) iii and iv

119) Keshab Chandra Sen

(i) Adopted a radical and comprehensive scheme of social reforms.

(ii) Infused the concept of Bhakti into Brahmoism

(iii) Influenced the socio-religious reformers in Bombay and Madras

(iv) Opposed the introduction of western education in India.

Which one is correct

(A) i, ii and iii

(B) ii, iii and iv

(C) i, iii and iv

(D) All of them

120) Which of the following books was not written by Swami Dayanand Saraswati?

(A) Satyartha Prakash

(B) Veda Prakash

(C) Satyartha Bhumika

(D) Veda Bhashya Bhumika

121) Who was the founder of secret society Abhinava Bharat?

(A) Naren Bhattacharji

(B) Jatin Mukherji

(C) Ganesh Savarkar

~~(D) Damodar Chapekar~~

122) All the established political parties and groups, except two, boycotted Simon commission, which were those two?

(i) Hindu Mahasabha

(ii) Justice Party

(iii) Muslim League

(iv) Punjab Unionists

Choose the correct answer from the codes given below :-

(A) ii and iii

(B) i and ii

(C) iv and ii

(D) iii and iv

123) Which of the following is correctly matched?

- (A) Formation of the All India Kisan Sabha-1935
- (B) Foundation of the Congress Socialist party-1934
- (C) Foundation of the Forward Block-1936
- (D) Foundation of the Communist Party of India-1939

124) What is the name of the newspaper published by the 'Indian Muslim League'?

- (A) Quam
- (B) Inquilab
- (C) Star of India
- (D) Dawn

125) When was the Federation of Indian Chamber of Commerce and Industry (FICCI) founded?

- (A) 1905
- (B) 1907
- (C) 1917
- (D) 1927

126) Who said : 'This orderly disciplined anarchy should go, and if as a result there is complete lawlessness I would risk it'?

- (A) Jawaharlal Nehru
- (B) Mahatma Gandhi
- (C) Rajagopalachari
- (D) Vallab Bhai Patel

127) Who said : 'The Muslims were fools to ask for safeguards and the Hindus were greater fools to refuse them'?

- (A) Jawaharlal Nehru
- (B) Abul Kalam Azad
- (C) Muhammed Ali
- (D) Subhas Bose

128) Who made the 'Dipawali Declaration' and when

- (A) Lord Irwin in 1929
- (B) Lord Linlithgow in 1940
- (C) Gandhi 1930
- (D) Subhas Bose in 1941

129) Who among the following capitalists served as a AICC treasurer for many years and went to jail in 1930?

(A) G.(D) Birla

(B) Jamunalal Bajaj

(C) J.R.(D) Tata

(D) Walchand Hirachand

130. Who among the following played an important role in the signing of the Gandhi Irwin pact?

(i) Motilal Nehru

(ii) Tej Bahadur Sapru

(iii) Madanmohan Malaviya

(iv) Jayakar

(v) Chintamani

Select the correct answer from the codes given below:-

(A) i and ii

(B) ii and iv

(C) ii and iii

(D) iv and v

131) Which session of the Congress had 1889 Delegates?

(A) Third Session of Madras

(B) Fourth Session of Allahabad

(C) Fifth Session at Bombay

(D) Sixth Session at Calcutta

132) Who founded the Indian Reforms Association in 1870?

(A) Ram Mohan Roy

(B) Debendranath Tagore

(C) Keshab Chandra Sen

(D) Ishwar Chandra Vidyasagar

133) Which of the following groups did not get separate electorates by the Act of 1935?

(A) Anglo-Indians

(B) Indian Christians

(C) Europeans

(D) Depressed Classes

134) Which of the following results of the Zamindari System was not an advantage to the British?

(A) Creation of political allies

(B) Minimisation of revenue administrative expenditure

(C) Permanent fixation of revenue demand

(D) Provision of financial security

135) Which of the following pairs are correctly matched?

(A) Banaras - Sir Colin Campbell

(B) Jhansi - Sir Hugh Rose

(C) Kanpur - Brigadier General Neil

(D) Lucknow - Major General Havelock

136) Indenture regulations which bound the artisans of Eastern India to sell their products exclusively to the English company from the Late 18th Century were known as

(A) Dadni

(B) Damdupat

(C) Khatbandi

(D) Kamiya

137) Who among the following Britishers were associated with the introduction of Mahalwari System?

(A) R.M. Bird

(B) Sir John Lawrence

(C) William Karey

(D) Sir Alexandar Cunningham

138) What is the Chronological sequence of the following happenings?

(i) August Declaration

20/10/16
1912
1919
(ii) Lucknow Pact 1930 / 1916

(iii) Jallianwalla Bagh Massacre 1919

(iv) Khaira Satyagraha 1918

Select the answer from the codes given below :-

(A) iv, ii, iii and i

(B) iii, i, ii and iv

(C) ii, iv, i and iii

(D) ii, i, iv and iii

139) Arrange the following events in chronological order

(i) Champaran Satyagraha 1918

(ii) Launching of the Khilafat Movement 1920

(iii) Reunion of the Congress 1916

(iv) Nagpur session of the Congress 1919

Choose the correct answer from the codes given below :-

(A) iii, i, ii and iv

(B) iii, i, iv and ii

(C) i, iii, iv and ii

(D) i, iv, iii and ii

- 140) Which of the following newspapers/journals was from Maharashtra?
- (A) Kranti
 - (B) Atmashakti
 - (C) Sarathi
 - (D) Sandhya
- 141) During whose period did the European soldiers stage the so called 'White-Mutiny' in India?
- (A) Dalhousie
 - (B) Canning
 - (C) Mayo
 - (D) Ripon
- 142) Which of the following is not one of the causes responsible for the rise of money lenders in British India?
- (A) New revenue policy
 - (B) New legal system
 - (C) New educational system
 - (D) Commercialization of agriculture
- 143) Who is generally acknowledged as the pioneer of local self-Government in modern India?
- (A) Ripon
 - (B) Hardinge-I
 - (C) M.K. Gandhi
 - (D) Curzon
- 144) Who was the first to attempt decentralization of financial administration?
- (A) Ripon
 - (B) Mayo
 - (C) Curzon
 - (D) Lytton
- 145) The British officer who defeated Mir Qusim in a series of battles of 1763 was?
- (A) Major Hector Munro
 - (B) Major Adams
 - (C) Colonel Malleison
 - (D) Colonel Holwell
- 146) Who confessed the following way? 'We have no right to seize Sind,. Yet we shall do so and a very big advantageous, useful, human piece of rascality it will be'.
- (A) Lord Auckland
 - (B) Lord Ellenborough
 - (C) Sir Charles Napier
 - (D) Major James Outram
- 147) Who was the Governor General when Sind was annexed?
- (A) Lord Auck;amd
 - (B) Lord Ellenborough
 - (C) Lord Dalhousie
 - (D) Lord Hardinge-I

- 148) During whose reign did the post of Peshwa not only become powerful but also hereditary
- (A) Rajaram
(B) Shivaji-II
(C) Sambhaji
(D) Shahu
- 149) Who among the following got the title of 'Sena Karte'?
- (A) Balaji Biswanath
(B) Balaji Baji Rao
(C) Rajaram
(D) Baji Rao-I
- 150) Which region in India provided the best quality salt petre and opium to the Europeans?
- (A) Coromondal
(B) Gujrat
(C) Bihar
(D) Malabar
- 151) When and by whom were the Portugese driven out of Hugli in Bengal?
- (A) 1625-Shaista Khan
(B) 1631-Qasim Khan
(C) 1650-Prince Murad
(D) 1666-Prince Shuja
- 152) What was the early capital of the portugese in India?
- (A) Goa
(B) Cochin
(C) Calicut
(D) Cannanore
- 153) Which one of the following Mughal emperors is credited with the composition of many Hindi Songs?
- (A) Humayun
(B) Babur
(C) Akbar
(D) Jahangir
- 154) Which of the following manuscripts, containing miniature paintings, reveals a sense of realism and authenticity witnessed or experienced by the painters themselves
- (A) Timur Namah
(B) Akbar Namah
(C) Jamiut-Tawarikh
(D) Tariqi-Alfi
- 155) The subject matter of Hamzahnamah is
- (A) Architecture
(B) Painting
(C) Music
(D) Philosophy

- 156) The only type of Jagir which could not be transferred was -
- (A) Khidmati Jagir
- (B) Watan Jagir
- (C) Milkiyat Jagir
- (D) Tan Jagir
- 157) During the reign of which great Mughal was tobacco introduced in India?
- (A) Jahangir
- (B) Akbar
- (C) Shahjahan
- (D) Aurangzeb
- 158) Which of the following mosques of the Mughals is also known as the 'pearl-mosque'?
- (A) Jamia Masjid at Delhi
- (B) Jamia Masjid at Fatehpuri
- (C) Moti Masjid at Agra
- (D) Aurangzebs personal mosque in the Red Fort.
- 159) Who among the following Mughal Minister was the 'paymaster-general' as well?
- (A) Diwan
- (B) Mir Bakshi
- (C) Khan-i-Saman
- (D) Vakil
- 160) Who among the following nobles of Akbar was killed by the Afgan rebels in one of the Mughal campaigns to suppress them?
- (A) ~~Man Singh~~
- (B) Todar Mal
- (C) Birbal
- (D) Bhagwan Das
- 161) Which of the following Rig Vedic Gods is said to be the upholder of the Rita or Cosmic Order?
- (A) Indra
- (B) Agni
- (C) Varuna
- (D) Soma
- 162) Which one of the following tribal assemblies has normally involved in the election of the tribal chief?
- (A) Samiti
- (B) Sabha
- (C) Gora
- (D) Vidata
- 163) 'House burials' are reported from :
- (A) Gufral in Kashmir
- (B) Ghaligal - in the northeast
- (C) Uleri in Almora
- (D) Balathal in Rajasthan

164) Which of the following were the main items of export of the Indus people?

- (i) Gold and Silver
- (ii) Cotton goods
- (iii) Terracottas
- (iv) Seals
- (v) Pottery

Select the answer from the codes below -

- (A) ii, iii and v
- (B) i, iii and iv
- (C) i, ii, iv and v
- (D) All of them

165) Who among the following archeologists has been claiming that he was successfully deciphered the Indus script, though others have not accepted the claim ?

- (A) MEM Wheeler
- (B) Gordon Childe
- (C) K.M. Srivastava
- (D) S.R. Rao

166) According to the latest excavations, Manda is the - ----- site of the Indus civilization?

- (A) Northernmost
- (B) Southernmost
- (C) Easternmost
- (D) Westernmost

167) Which one of the following types of Harappan pottery is said to be the earliest example of its kind in the world?

- (A) Polychrome
- (B) Glazed
- (C) Perforated
- (D) Knobbed

168) The Harappan bricks were mainly

- (A) Sawn with the help of a saw-like instrument
- (B) Made in an open mould
- (C) Hand-made
- (D) Cut with the help of a chisel

169) Where do we find the three phases, viz. Paleolithic, Mesolithic and Neolithic Cultures in sequence?

- (A) Belan valley
- (B) Krishna Valley
- (C) Godavari Valley
- (D) Kashmir Valley

- 170) Which of the following is not a principal tool of the Early Stone Age?
- (A) Scraper
 - (B) Handaxe
 - (C) Cleaver
 - (D) Chopper
- 171) Which Vijayanagara ruler sent an embassy to China?
- (A) Harihara-I
 - (B) Krishna Deva Raya
 - (C) Bukka-I
 - (D) Saluva Narasimha
- 172) 'Every pearl in the royal crown is but the crystallized drops of blood fallen from the tearful eyes of the poor peasant'. Who made this statement?
- (A) Amir Khusrau
 - (B) Barani
 - (C) Ibn-Batutah
 - (D) Al-Beruni
- 173) Who introduced the famous Persian festival of Nauroz?
- (A) Alauddin Khalji
 - (B) Iltutmish
 - (C) Balban
 - (D) Firuz Tughlaq
- 174) The famous Jaina temples at Dilwara were built by
- (A) Paramaras
 - (B) Chandellas
 - (C) Solankis
 - (D) Chauhans
- 175) When were the Silkworms introduced into the Byzantine empire from China, adversely affecting India's already declining foreign trade?
- (A) 451 AD
 - (B) 551 AD
 - (C) 615 AD
 - (D) 351 AD

176) Kalidasa's work include

- (i) Abhigyana Sakuntalam
- (ii) Meghadootam
- (iii) Raghuvamsa
- (iv) Malavikagnimitram
- (v) Ritusamhara
- (vi) Kumara Sambhava

Select the answer from the codes below -

- (A) All of them
- (B) i, ii, iii and iv
- (C) i, ii, iv, v and vi
- (D) i, iii, iv and v

177) Which one of the following was the meeting ground for the Brahmanical and devotional religious levels?

- (A) Maths
- (B) Temples
- (C) Ghatikas
- (D) Samas

178) With which one of the following are the later foreign immigrants like Hunas, who came after the fall of Imperial Guptas, identified?

- (A) Kshatriyas
- (B) Fallen Kshatriyas
- (C) Rajputs
- (D) Mlechchas

179) Which of the following is the main reason for the development of towns in the Harappan period?

- (A) Development of Science and technology
- (B) Development of Arts and crafts
- (C) Growth of Trade and commerce
- (D) Increase in Agrarian surplus

180) Which one of the following has not been mentioned as 'asineva' in Ashokan inscriptions

- (A) Greed and passion
- (B) Cruelty and anger
- (C) Pride and fury
- (D) Envy and revenge

181) Who was the Bactrian King that invaded India in about 182 BC and wrested a considerable part of the North-West ?

- (A) Demetrius
- (B) Antigonos
- (C) Philadelphus
- (D) Gondophernes

182) Who among the following started the general use of stone for monuments?

- (A) Chandra Gupta Maurya
- (B) Bimbisara
- (C) Bindusara
- (D) Asoka

183) 'Just as for my children, I desire that they should enjoy all happiness and prosperity both in this world and the next. So for all men I desire the like happiness and prosperity'.

This is stated in -

- (A) Barabar Cave Inscriptions
- (B) Minor Rock Edicts
- (C) Tarai Pillars
- (D) Kalinga Inscriptions

184) According to 'Rajatarangini' Ashoka's favourite deity was

- (A) Siva
- (B) Vishnu
- (C) Vasudeva
- (D) Buddha

185) Which of the following statement is incorrect?

- (A) Kautilya was Chandragupta's guide and mentor
- (B) Chandragupta was succeeded by his son Bindusara
- (C) Chandragupta was known to the Greeks as 'Amitrochates', the destroyer of foes
- (D) Chandragupta is said to have died of slow starvation in south India

186) Which of the following sources describe the Mauryas as belonging to the Sudra Varna?

- (A) Puranas
- (B) Jatakas
- (C) Purvas
- (D) European Clasical Writers

187) Which one of the following sources states that Srinagar was built by Asoka?

- (A) Kalahana's Rajatarangini
- (B) Divyavandana
- (C) Taranatha's History of Tibet
- (D) Mahavamsa

188) Who among the following was not a Greek Ambassador staying at the Mauryan Court?

- (A) Megasthenes
- (B) Diodorus
- (C) Deimachus
- (D) Dionisius

189) Kontakasodhanas of the Mauryan period were

- (A) Royal treasuries
- (B) Civil courts
- (C) Criminal courts
- (D) Police stations

190) The hereditary soldiers of the Mauryan period were known as

- (A) Bhritakas
- (B) Maula
- (C) Vardhaki
- (D) Atavivala

191) Who among the following Rajputs were the first to voluntarily submit to Akbar?

- (A) Hedas
- (B) Sisodias
- (C) Rathors
- (D) Kachchwahas

192) Who among the following Englishmen was given the title 'Khan' by Jahangir?

- (A) Thomas Roe
- (B) Ralph Fitch
- (C) Hawkins
- (D) Newbery

193) Who was the founder of 'Gajapati Dynasty' of Orissa?

- (A) Purushottam
- (B) Kapilendra
- (C) Prataparudra
- (D) Vidyadhara

194) Who was the founder of Sultanate of Madurai?

- (A) Jalaluddin Ahsan
- (B) Hussain Shah
- (C) Nusrat Shah
- (D) Dilwar Khan

195) Who built the 'Gol-Gumbaj' at Bijapur famous for the world's second largest dome and the whispering gallery?

- (A) Mahmud Gawan
- (B) Yusuf Adil Shah
- (C) Ismail Adil Shah
- (D) Muhammed Adil Shah

196) Which Sufi Saint adopted Yogic breathing exercises and was called Sidh or perfect?

- (A) Nizamuddin Auliya
- (B) Farid
- (C) Salim Chisti
- (D) Muhammed Jilani

197) Who wrote Gitawali, Kavitali and Vinaya Patrika?

- (A) Tulsidas
- (B) Surdas
- (C) Chaitanya
- (D) Namadeva

198) What is 'Asthavana'?

- (A) Land revenue department
- (B) A type of rice
- (C) One third of the produce of the land
- (D) House-tax

199) City of Nagalapura was built by -

- (A) Bukka-1
- (B) Deva Raya-1
- (C) Krishnadevaraya
- (D) Virupaksha

200) During whose reign did Vijayanagara come into conflict with Orissa for the first time?

- (A) Bukka-II
- (B) Devaraya-I
- (C) Devaraya-II
- (D) Virupaksha-II

CDW-(C)8/15

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2015

TEST BOOKLET

Paper - IV

Time allowed : 3 hours

Full marks : 200

Answer *all* the questions

Questions are of equal value

TEST BOOKLET SERIES

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Roll No. :



Signature of the Candidate :

**INSTRUCTIONS**

Candidates should read the following instructions carefully before answering the questions :

1. This booklet consists of 36 pages including this front page. Verify the Page Nos. and bring at once to the Invigilator's notice any discrepancy.
2. Answer will have to be given in the Special Answers-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card. ***Do not fold the Answer-Sheet as this will result in error in your marks.***
4. All questions are of multiple-choice answer-type. You will find four probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the oval corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. If more than one oval is encoded for a particular answer, it will be treated as a wrong answer.
6. **There will be negative marking for wrong answers; 1/3 mark will be deducted for each wrong answer.**
7. ***The Special Answer-Sheet should be handed over to the Invigilator before leaving the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.***

[Please Turn Over]

1. The following term is not involved in air pollution.
 - (A) SMOG
 - (B) MMD
 - (C) DO
 - (D) VC

2. Mufflers are commonly used to prevent the
 - (A) Radiation pollution
 - (B) Noise pollution
 - (C) Air pollution
 - (D) Thermal pollution

3. Physiological disorder may occur when the noise level reaches
 - (A) 110 db
 - (B) 120 db
 - (C) 135 db
 - (D) 145 db.

4. PAN formation does not include
 - (A) Nitrogen
 - (B) Ozone
 - (C) Hydrogen
 - (D) Hydrocarbon

5. The deficiency of cobalt causes the deficiency of
 - (A) Vitamin B₂
 - (B) Vitamin B₆
 - (C) Vitamin B₁₂
 - (D) Vitamin C

6. Lead blocks the biosynthesis of
 - (A) Muscle protein
 - (B) Myoglobin
 - (C) Haemoglobin
 - (D) Ossein

7. The global warming potential of CO_2 is
- (A) 1
 - (B) 2
 - (C) 3
 - (D) 4
8. Zoo conservation data is kept by
- (A) ICBN
 - (B) ICZN
 - (C) WZCS
 - (D) ICTV
9. Marsh crocodile conservation in Sundarbans is located in
- (A) Sajnekhali
 - (B) Sudhanyakhali
 - (C) Kalash Island
 - (D) Bhagabatpur
10. Tiger conservation project in India was introduced from
- ~~(A) 1953~~
 - (B) 1963
 - (C) 1973
 - (D) 1983
11. Single cell animals reproduce by
- (A) Fission
 - (B) Fusion
 - (C) Budding
 - ~~(D) Regeneration~~
- ~~12.~~ The basic unit of life is
- ~~(A) Nucleic acid~~
 - (B) Protein
 - ~~(C) Gene~~
 - (D) Lipo protein

13. Which of the following is natural polymer ?

- (A) Terylene
- (B) Orlon
- (C) Starch
- (D) Dacron

14. The amino acids are basis units of

- (A) Lipids
- (B) Hormones
- (C) Proteins
- (D) Vitamins

15. Marsh gas is

- (A) Methane
- (B) Ethane
- (C) Ethylene
- (D) None of the above

16. In the metallurgy of iron, the material obtained from bottom of the blast furnace is

- (A) ~~Slag~~ Slag
- (B) Pig iron
- (C) Cast iron
- (D) Wrought iron

17. The main ore of aluminium is

- (A) Bauxite
- (B) Alumina
- (C) Potash-alum
- (D) Cryolite

18. Which one is the unit of radio activity ?

- (A) Curie
- (B) Tesla
- (C) Henry
- (D) Uranium

19. When a lead storage cell is charged

- (A) Sulphuric Acid is consumed
- (B) Sulphuric Acid is formed
- (C) Lead sulphate is formed
- (D) Lead is consumed

~~(A)~~ The temperature above which a real gas cannot be liquefied is known as

- (A) Critical temperature
- (B) Boyle temperature
- (D) Inversion temperature
- (D) None of the above

21. Human body's main organ of balance is located in

- (A) Inner part of ear
- (B) Spine
- (C) Brain (front part)
- (D) Pituitary gland

22. Chemically hormones are

- (A) Amino Acids
- (B) Fatty Acids
- (C) Proteins
- (D) Steroids

23. Blood pressure is under control of

- (A) Adrenal
- (B) Pituitary
- (C) Thyroid
- (D) Aldosterone

24. Animal with a single nostril is

- (A) Whale
- (B) Tortoise
- (C) Python
- (D) Shark

25. In proportion of the size of the body which birds lay largest sized eggs.

(A) Ostrich

(B) Tinamons

(C) Vulture

(D) Kiwi

26. The protected bird of India is

(A) Monal

(B) Dove

(C) Great Indian Bustard

(D) Crane

27. Study of bird's nest is

(A) Ornithology

(B) Nidology

(C) Phenology

(D) Ecology

28. Salmon fishes are also called

(A) Bony fishes

(B) Trout

(C) Cod

(D) Star fish

29. Malarial parasite could best be obtained from a patient

(A) One hour before rise of temperature

(B) In state of sheving shivering

(C) When temperature comes normal

(D) 4 hours after the temperature reaches normal

30. Malignant malaria is caused by

(A) Plasmodium ovale

(B) Plasmodium falciparum

(C) Plasmodium vivax

(D) Plasmodium malarie

31. The oldest animal conserved in India is

(A) Tiger

(B) Lion

(C) Elephant

(D) Black Bear

32. Flowing water ecosystem is also called

(A) Pelagic

(B) Estuarine

(C) Lotic

(D) Lentic

33. The parent rock from which soil is formed is also referred to as

(A) A horizon

(B) B horizon

(C) C horizon

(D) R horizon

34. Competitive exclusion principle was also denoted by

(A) Darwin

(B) Gause

(C) Odum

(D) Wallace

35. The deepest point on the Earth's crust is located in

(A) Arctic ocean

(B) Atlantic Ocean

(C) Pacific Ocean

(D) Indian Ocean

36. The origin of the Universe is around

(A) 12.7 billion years ago (b, y, a)

(B) 13.7. b. y. a

(C) 14.5 b. y. a

(D) 14.7 b. y. a

10 मिनट
x 10 मिनट

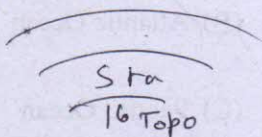
100 (मिनट) x 1 (दिन)
1 दिन = 10 x 100 (मिनट)
24 " 100 x 14 " = 14000

37. Life in the Earth started from

- (A) DNA
- (B) Polypeptide
- (C) RNA
- (D) Conjugate protein

38. The distance of mesosphere from the Earth's surface is approximately

- (A) 30 Km.
- (B) 50 Km.
- (C) 70 Km.
- (D) 90 Km.



39. The following compound does not react with ozone layer

- (A) CFC
- (B) HFC
- (C) $\text{Ca}(\text{OCl})\text{Cl}$
- (D) CCl_4

40. Arsenic is associated with

- (A) Myeloma
- (B) Melanoma
- (C) Sarcoma
- (D) Glioma

41. The total energy of a given mass of a gas at a given temperature depends on its

- (A) Pressure
- (B) Volume
- (C) Density
- (D) Temperature



42. A sample of gas expands from volume V_1 to V_2 . The amount of work done by the gas is greatest when the expansion is

- (A) Adiabatic
- (B) Equal in all cases
- (C) Isothermal
- (D) Isobaric

43. Blue colour of the sky is due to the phenomenon of
- (A) Scattering
 - (B) Dispersion
 - (C) Reflection
 - (D) Refraction
44. Electron Volt is the unit of
- (A) Potential difference
 - (B) Charge
 - (C) Energy
 - (D) Power
45. In a nuclear reactor the chain reaction is controlled by introducing
- (A) Iron rods
 - (B) Cadmium rods
 - (C) Graphite rods
 - (D) Platinum rods
46. Photo electric emission occurs only when the incident light has more than a certain minimum
- (A) Power
 - (B) Wavelength
 - (C) Intensity
 - (D) Frequency
47. Fluorescent tubes are fitted with a choke. The choke coil
- (A) Steps up the line voltage
 - (B) Steps down the line voltage
 - (C) Reduces the current in the circuit
 - (D) Chokes low frequency current
48. A black hole is a body in space which does not allow any radiation to come out. This property is due to its
- (A) very small size
 - (B) very large size
 - (C) very high density
 - (D) very low size

49. When water is heated from 0 C to 10 C. Its volume
- (A) Increases
 - (B) Decreases
 - (C) Does not change
 - (D) ~~First decreases and then increases~~
50. If the radius of the Earth were to shrink by one percent, its mass remaining the same, the value of 'g' on the earth's surface would
- (A) Increase by 0.5%
 - (B) Increase by 2.0%
 - (C) Decrease by 0.5%
 - (D) Decrease by 2.0%
51. Diffusion of light in the atmosphere takes place due to
- (A) Dust particles
 - (B) Carbon dioxide
 - (C) Helium
 - (D) ~~Water vapours~~
52. A weighless rubber balloon is filled with 200 c.c. of water. Its weight in water is equal to
- (A) 9.8/5 N
 - (B) 9.8/10 N
 - (C) 9.8/2 N
 - (D) Zero
53. A car is running on a road at a uniform speed of 60 km/h. The net resultant force on the car is
- (A) Driving force in the direction of motion of the car
 - (B) Resistance force in the direction opposite to car's motion
 - (C) An inclined force
 - (D) ~~Equal to zero~~
54. Which one of the following laser types is used in a laser printer ?
- (A) Dye laser
 - (B) Gas laser
 - (C) Semi conductor laser
 - (D) Excimer laser

55. Who among the following scientists shared the Nobel prize in Physics with his son ?
- (A) Max Plank
 - (B) Albert Einstein
 - (C) William Henry Bragg
 - (D) Enrico Fermi
56. Which one of the following reflects back more sunlight as compared to the other three ?
- (A) Sand desert
 - (B) Paddy crop land
 - (C) Land covered with fresh snow
 - (D) Prairie grass land
57. Rainbow is produced when sunlight falls on drops of rain. The physical phenomena responsible for this are
- (1) Dispersion, (2) Refraction (3) Internal reflection
- (A) 1 & 2
 - (B) 2 & 3
 - (C) 1 & 3
 - (D) All of the above
58. The release of which one of the following into ponds and wells helps in controlling the mosquitoes?
- (A) Crab
 - (B) Dogfish
 - (C) Gambusia Fish
 - (D) Snail
59. Among the following, which one lays eggs and does not produce young ones directly ?
- (A) Echidna
 - (B) Kangaroo
 - (C) Porcupine
 - (D) Whale
60. Location of a particular gene on sex chromosome or autosomes can be identified by
- (A) Test cross
 - (B) Out cross
 - (C) Back cross
 - (D) Reciprocal cross

61. The shortest day is
- (A) 22nd December
 - (B) 15th June
 - (C) 22nd January
 - (D) 25th December
62. Which one of the following planets is popularly known as the morning star ?
- (A) Jupiter
 - (B) Mars
 - (C) Venus
 - (D) Saturn
63. Sir C.V. Raman was awarded Nobel prize in the year
- (A) 1920
 - (B) 1925
 - (C) 1930
 - (D) 1931
64. David Bushnell is credited with the creating of
- (A) first submarine
 - (B) Hovercraft
 - (C) Steamship
 - (D) Catamaran
65. Which one of the following is printed on a commonly used fluorescent tube light ?
- (A) 220K
 - (B) 273K
 - (C) 6500K
 - (D) 9000K
66. What is the Galileo Project ?
- (A) An intercountry Program of missile shield developed by the U.S.A.
 - (B) A project developed by India with assistance from Canada.
 - (C) An environmental protection project being developed by Japan.
 - (D) A multi satellite navigation project developed by the European Union.

67. Robert Webster is known for his work associated with

- (A) Cardiology
- (B) Influenza Virus
- (C) HIV / AIDS
- (D) Alzheimer

68. NASA's Deep Impact Space Mission was employed to take detailed pictures of which comet nucleus ?

- (A) Halley's comet
- (B) Hale Bopp
- (C) Hyakutake
- (D) Tempel -1

69. Which one of the following is a space craft ?

- (A) Apophis
- (B) Cassini
- (C) Spitzer
- (D) Tech sar

70. An artificial satellite orbiting around the earth does not fall down because the attraction of earth

- (A) does not exist at such distance
- (B) is neutralised by the attraction of the moon.
- (C) provides the necessary speed for its steady motion
- (D) provides the necessary acceleration for its motion

71. Which one among the following is called Philosopher's wool ?

- (A) Zinc Bromide
- (B) Zinc Nitrate
- (C) Zinc Oxide
- (D) Zinc Chloride

72. Which one of the following does not contain silver?

- (A) Horn Silver
- (B) German Silver
- (C) Ruby Silver
- (D) Lunar Caustic

73. Which one of the following is also called a stranger gas ?
- (A) Argon
- (B) Neon
- (C) Xenon
- (D) Nitrous Oxide
74. Which one of the following is used as an explosive?
- (A) Phosphorous trichloride
- (B) Mercuric Oxide
- (C) Graphite
- (D) Nitroglycerine
75. Which one of the following sets of elements was primarily responsible for the origin of life on the Earth ?
- (A) Hydrogen, Oxygen, Sodium
- (B) Carbon, Hydrogen, Nitrogen
- (C) Oxygen, Calcium, Phosphorus
- (D) Carbon, Hydrogen, Potassium
76. Human body requires some minerals for contraction of muscles
- (A) Calcium, Potassium
- (B) Iron
- (C) Calcium, Sodium
- (D) Calcium, Sodium and Iron
77. Acid rain can be caused by the pollution of environment by
- (A) CO_2 and N_2
- (B) CO and CO_2
- (C) O_3 and CO_3
- (D) N_2O and SO_2
78. A term associated with comparison of processing speed
- (A) MPG
- (B) CPS
- (C) MIPS
- (D) None of the above

79. India's 'Silicon Valley' is located in

- (A) Kerala
- (B) Tamil Nadu
- (C) Karnataka
- (D) Rajasthan

80. 'LASER Printers' are an example of _____

- (A) Line printers
- (B) Dot-Matrix Printers
- (C) Page Printers
- (D) None of the above

81. Encoder is a

- (A) Integrated circuit
- (B) Digital circuit
- (C) VLSI
- (D) IC chips

82. D.D.T. was invented by

- (A) Paul Muller
- (B) La Mark
- (C) Pavlov
- (D) Darwin

83. 'Green Accounting' indicates

- (A) level of environmental pollution
- (B) Counting of environmental bodies
- (C) level of Greenary in the world
- (D) None of the above

84. Maximum solar energy is used in India in

- (A) Gujarat
- (B) Rajasthan
- (C) Karnataka
- (D) Tamilnadu

85. Cigarette smoking is harmful for health due to the emission of
- (A) CO_2
 - (B) CO
 - (C) KMnO_4
 - (D) SO_2
86. Which country will help India to set up Jayitapur Nuclear Power Station
- (A) Russia
 - (B) France
 - (C) Germany
 - (D) Canada
87. 'Kyote Protocol', signed in 1977 was related to
- (A) Reduction of green house gas
 - (B) Pulse Polio Immunisation Program
 - (C) World's Youth Policy
 - (D) Nuclear disarmament treaty
88. Which one of the following is a green house gas ?
- (A) SO_2
 - (B) CO_2
 - (C) CFC
 - (D) All of the above.
89. Saturn is the _____ planet from the sun
- (A) Sixth
 - (B) Eighth
 - (C) Fourt
 - (D) Third
90. Artesian wells are found in which one of the following rocks ?
- (A) Sedimentary
 - (B) Metamorphic
 - (C) Acquirer
 - (D) Igneous

91. In vitro fertilisation is a technique that involves transfer of which one of the following into the fallopian tube ?
- (A) Zygote only
 - (B) Embryo only upto 8 cell stage
 - (C) Embryo of 32 cell stage
 - (D) Either Zygote or early embryo upto 8 cell stage
92. Which type of cells are involved in allergic response ?
- (A) Basophils
 - (B) Mast Cell
 - (C) Fibroblast cell
 - (D) Both (A) and (B)
93. All are Oncogenic Virus except :
- (A) HIV
 - (B) Varicella Zoster Virus
 - (C) Influenza Virus
 - (D) Hepatitis - B
94. Which of the following is congenital anaemic disorder ?
- (A) Thalassemia
 - (B) Sickle cell anemia
 - (C) G-6 PD deficiency
 - (D) All of the above
95. Carnalite on electrolysis gives
- (A) Ca & Cl₂
 - (B) Na & CO₂
 - (C) Al & Cl₂
 - (D) Mg & Cl₂
96. ISRO Launched its _____th satellite on 27th August, 2015
- (A) 20
 - (B) 25
 - (C) 24
 - (D) 26

97. Which of the vitamins acts as a free-radical inhibitor in a human body ?

- (A) Vitamin B₁
- (B) Vitamin C
- (C) Vitamin E
- (D) Both (B) and (C)

98. Which of the following enzyme is present in saliva?

- (A) Pepsin
- (B) Trypsin
- (C) Ptyalin
- (D) Chymotrypsin

99. Which one is the correct sequence in increasing order of molecular weights of the hydro carbons?

- (A) Methane, ethane, propane and butane
- (B) Propane, butane, ethane and methane
- (C) Butane, ethane, propane and methane
- (D) Butane, propane, ethane and methane

100. Which one of the following is known as ^XRDS?

- (A) Cyanohydrin
- (B) Dextran
- (C) Cyclohexane
- (D) Cyclonite

101. 'Eugenics' is the study of –

- (A) People of European Origin
- (B) Genetics of Plants
- (C) Different races of mankind
- (D) Altering human beings by changing their genetic components

102. When was the Treaty of Versailles signed ?

- (A) ~~28 June 1919~~
- (B) 28 June 1946
- (C) 28 June 1939
- (D) 28 June 1927

103. Gravity setting chambers are used in industries to remove

- (A) SO_x
- (B) Suspended particles
- (C) NO_x
- (D) Glass particles

104. Each year World Red Cross and Red Crescent Day is celebrated on

- (A) May 8
- (B) May 18
- (C) June 8
- (D) June 18

105. Who was the first Indian to be the President of United Nations General Assembly ?

- (A) Smt. Vijay Lakshmi Pandit
- (B) Ramesh Bhandari
- (C) Natwar Singh
- (D) Krishna Menon

106. The Chairmanship/Presidency of the United Nations Security Council rotates among the council members

- (A) every 6 months
- (B) every 3 months
- (C) every year
- (D) every month

107. 'The Gathering Storm' is written by _____

- (A) Winston Churchill
- (B) George Washington
- (C) Voltaire
- (D) Romain Rollands

108. 'Mrichchakatika' was written by

- (A) Vikramaditya
- (B) Shudraka
- (C) Kalhana
- (D) Banabhatta

109. The first recipient of Nehru Award was

- (A) Martin Luther King
- (B) Khan Abdul Ghaffar Khan
- (C) Mother Teresa
- (D) U Thant

110. Kalinga Award was instituted by

- (A) UNESCO for exceptional contribution of efforts to popularize Science
- (B) ~~Indian Military~~
- (C) Jnanpith for encouraging creative writings in modern languages
- (D) Indian Audit Association for outstanding contribution to adult literacy in India

111. Which is not true about Preserved mushrooms –

- (A) Russia is the leading player in mushroom production
- (B) Mushrooms preserved by balancing, cleaning and sometimes slicing
- (C) It is very nutritious, rich in fibre and proteins
- (D) It has high content of folic acid which is uncommon in vegetables

112. Which is not among the four basic components of Pradhan Mantri Awas Yojana declared in June, 2015

- (A) Slum rehabilitation
- (B) Affordable housing
- (C) Beneficiary led individual house construction or enhancement
- (D) One-time grant for development

113. Which is not correct about World Anti Doping Agency (WADA)

- (A) WADA has inked a MoU with Sports Ministry of China to crack down on the supply and manufacture of PEDS (Performance enhancing drugs) in the country
- (B) PEDS are openly sold online on Chinese WEBSITES and shipped to other countries
- (C) WADA is a collective initiative led by International Olympic Committee
- (D) It was established in 2015 in Lausanne, Switzerland

114. Several colours on the screen of a colour television are produced by mixing lights of colours :

- (A) Red, Yellow, Green
- (B) Red, Yellow, Blue
- (C) Red, Green, Blue
- (D) Yellow, Green, Blue

115. Which of the following is a good nuclear fuel ?

- (A) Uranium-238
- (B) Neptunium-239
- (C) Plutonium-239
- (D) Thorium-236

116. Which of the following statements is incorrect –

- (A) Dahagram – Anrapota, largest Bangladeshi enclave lies within West Bengal
- (B) Tin Bigha Corridor, a strip of Indian territory was leased to Bangladesh
- (C) Dasiar Chhara was the India's largest stand alone enclave
- (D) Dahala-Khagrabari, was a Bangladesh territory inside India

117. Gold Monetisation Scheme (GMS) provides for –

1. Providing option to monetize physical gold by depositing them to authorized banks
2. The interest rate of the scheme is fixed by the RBI
3. Gold in any form can be deposited with banks for a period of 10 years

- (A) 1 & 2 are correct
- (B) only 1 is correct
- (C) 2 & 3 are correct
- (D) All are correct

118. Essential amino acid may also be called

- (A) Vitamins
- (B) Hormones
- (C) Steroids
- (D) Enzymes

119. Most glass contain about 71% by weight of

- (A) Silicon dioxide
- (B) Carbon dioxide
- (C) Sulphur dioxide
- (D) Calcium Carbonate

120. Consider the following statements and find out which is not true

- (A) The Constitution of India was adopted by the Constituent Assembly on 26th November, 1949
- (B) It came into force on 26th January, 1950
- (C) The Constitution has provisions for independence of Public Service Commission
- (D) Residual powers have been vested with the Government of India

121. Which Australian Cricketer won the Bradman Young Cricketer of the Year Award, 2015 ?

- (A) Mitch March
- (B) Joe Burns
- (C) Sean Abbott
- (D) Peter Nevill

122. Who among the following has won the Men's Singles title at Australia Open-2015 ?

- (A) Roger Federer
- (B) Rafael Nadal
- (C) Novak Djokovic
- (D) Andy Murray

123. Jaswant Singh Rajput who died in January, 2015 was associated with

- (A) Hockey
- (B) Football
- (C) Cricket
- (D) Kabbadi

124. won the Bronze at 2015 World Wrestling Championship –

- (A) Narasingh Pancham Yadab
- (B) Vijender Singh
- (C) Akhil Kumar
- (D) Sushil Kumar

125. Leander Paes, Martina Hingis won US Open Mixed Doubles Title 2015. They defeated Bethanie Mattek Sands and Sam Querrey by –

- (A) 5-4, 5-5, 7-3
- (B) 6-4, 3-6, 10-7
- (C) 9-1, 7-3, 5-4
- (D) 9-5, 10-7, 3-7

126. Sania Mirza – Martina Hingis won 2015 – US Open Women's Doubles title. It was Edition of the US Open –

- (A) 130th
- (B) 120th
- (C) 135th
- (D) 140th

127. won 2015 Beijing International Marathon –

- (A) Mariko Kipchumba
- (B) Ninolai Snesev
- (C) Sebastian Vettee
- (D) Floyd Mayweather

128. has been chosen to host 2022 Asian Games

- (A) Thiruvananthapuram
- (B) Hangzhou
- (C) Tokyo
- (D) Singapore

129. Which is not true about Whitley Awards –

- (A) It was established in 1994 by Edward Whitley
- (B) The award recognizes film celebrities working in the field of child-health
- (C) The award is dubbed as Green Oscar
- (D) Dr. Promod Patil and Dr. Ananda Kumar have been awarded 2015 Whitley Award

130. Dr. M.M. Kalburgi, was noted

- (A) Novelist of Maharashtra
- (B) Vice-Chancellor of Kerol University
- (C) A Kannada epigraphist
- (D) Poet conferred Sahitya Academi Award in 2015

131. Who among the following got the 'Bharat Ratna' Award before becoming the President of India ?
- (A) R. Venkataraman
 - (B) V.V. Giri
 - (C) Dr. Zakir Hussain
 - (D) Dr. Rajendra Prasad
132. Which personality has been awarded the first Lifetime Achievement Award for his/her contribution in the field of Cinema ?
- (A) Ashok Kumar
 - (B) Raj Kapoor
 - (C) Akiro Kurusova
 - (D) Bernardo Bertolucci
133. The name of Pierre Cardin is associated with which of the following fields ?
- (A) Painting
 - (B) Films
 - (C) Pop Music
 - (D) Fashion Designing
134. Guru Gopi Krishna was a maestro of which of the following dance forms ?
- (A) Kuchipudi
 - (B) Manipuri
 - (C) Kathak
 - (D) Bharatnatyam
135. In which language the President of India Shri Pranab Mukherjee received the first copy of 'Yogi Ka Sparsh', a Yoga Manual written by Smt. Nivedita Joshi on 8th June, 2015 ?
- (A) Hindi
 - (B) Sanskrit
 - (C) Braille
 - (D) English
136. Harriette Thomson of Charlotte North Carolina becomes oldest woman to finish marathon. She is a 92 year old
- (A) Blind
 - (B) Physically challenged
 - (C) HIV Positive woman
 - (D) Cancer survivor

137. Name the US Defence Secretary who visited India from 2 – 4 June, 2015 ?

- (A) Hillary Clinton
- (B) Richard Rahul Paul
- (C) Ashton Carter
- (D) James Smith

138. Who was conferred with the Asian Athletics Association (AAA) President's award on 2nd June, 2015 ?

- (A) Kapil Dev
- (B) Lalit Bhanot
- (C) Milkha Singh
- (D) Suresh Kalmadi

139. Who became the first Indian-born woman to be appointed a Judge in New York City ?

- (A) Geeta Menon
- (B) Renu Khator
- (C) Ms. Raja Rajeswari
- (D) Mira Nair

140. Which country became the 161st member of World Trade Organisation in April, 2015 ?

- (A) Seychelles
- (B) Ghana
- (C) Cuba
- (D) Sweden

141. Gunpowder consists of a mixture of –

- (A) Sand and TNT
- (B) Sulphur, Sand and Charcoal
- (C) Nitre, Sulphur and Charcoal
- (D) TNT and Charcoal

142. Which of the following pairs is not correctly matched ?

- (A) India's first technicolour film : Jhansi Ki Rani
- (B) India's first 3-D film : My Dear Kuttichathan
- (C) India's first insured film : Taal
- (D) India's first actress to win the Bharat Ratna : Meena Kumari

143. The river systems of India can be classified into four groups. Which does not come into the Group

- (A) Himalayan rivers
- (B) Deccan rivers
- (C) Coastal rivers
- (D) Midland Basin rivers

144. Which of the following statements is not true

- (A) The President of India is the only authority to pardon a death sentence
- (B) The President can pardon a death sentence under Article-72
- (C) The President can grant pardon to sentence by a court-martial
- (D) The Governor can pardon death sentence if the State law prescribes for death sentence

145. Which of the following statements ~~are~~ not true regarding National Register of Indian Citizens

- (A) It is not compulsory for every Indian citizen to register
- (B) It is a Register of usual residents of the country
- (C) The objective is to create a comprehensive identity data base
- (D) This will help to prevent identity fraud

146. Which is not true about Pradhan Mantri Jan Dhan Yojana (PMJDY)

- (A) It is a financial inclusion scheme
- (B) No minimum balance is required to open the account
- (C) Accidental Insurance cover of Rs. 1.00 lakh
- (D) Life Insurance Cover of Rs.35,000/-

147. Which is not true with respect to "Make in India" campaign

- (A) To put India prominently on the global manufacturing map
- (B) Facilitate the inflow of new technology and capital
- (C) Creation of millions of jobs
- (D) The campaign commences from 1st January, 2015

148. India launches e-visa facilities to countries -

- (A) 40
- (B) 43
- (C) 45
- (D) 48

149. Who is not the recipient of Padma Vibhushan Award, 2015

- (A) L. K. Advani
- (B) Aga Khan
- (C) Amitava Bachhan
- (D) Saira Banu

150. is National Hindi Divas –

- (A) 14th September
- (B) 14th October
- (C) 14th November
- (D) 14th December

151. Which of the following statements is not correct –

- (A) Hungary declares state of emergency in Csongrad and Bacs-Kiskun and sealed its border
- (B) Hungary had emerged as epicenter of refugee crisis
- (C) The refugees are mainly from Libya, Sudan, Iraq
- (D) The refugees are seeking refuge to save life from oppression in those countries

152. Which of the following statements is not true

- (A) IISC, Bangalore and IIT Delhi figure in the top 200 World Universities Ratings
- (B) National University of Singapore has topped among Asian Universities
- (C) Massachusetts Institute of Technology of US has topped the ranking for the fourth time
- (D) In the top of 10 Universities 6 are from US

153. India and Bangladesh signed a protocol to the Agreement concerning the demarcation of land boundary on

- (A) September 6, 2011
- (B) May 16, 1974
- (C) August 19, 2015
- (D) None of the above

154. Consider the following –

1. Until July 31, 2015 Paschim Mashaldanga was one of the 51 Bangladeshi enclaves in India
2. All the Chitts come in the rural extreme of Cooch-Bihar
3. 111 Indian enclaves with a population of 37,000 transferred to Bangladesh

Code :

- (A) 1 is not true
- (B) 2, 3 are partially true
- (C) 1, 2 are not true
- (D) All are true

155. Essential fatty acids are lowest in –

- (A) Fish liver oil
- (B) Sunflower oil
- (C) Vegetable oil
- (D) Coconut oil

156. Malnutrition in India is mainly attributed to –

- (A) Protein deficiency
- (B) Vitamin A deficiency
- (C) Iron deficiency
- (D) All of the above

157. Highest Biological value is from –

- (A) Eggs
- (B) Milk
- (C) Soyabean
- (D) Meat

158. During pregnancy, vaccination can be given against all these diseases except –

- (A) Hepatitis
- (B) Typhoid
- (C) Mumps
- (D) Hepatitis-B

159. Going from India to Europe, vaccination is now required of –

- (A) Cholera
- (B) Yellow fever
- (C) Hepatitis
- (D) None of the above

160. Human suffering Index in India is

- (A) 61
- (B) 50
- (C) 80
- (D) 70

161. Maximum number of mass extinction occurred during

- (A) Holocene
- (B) Devonian
- (C) Oligocene
- (D) Pleistocene period

162. The number of biodiversity hot spots in India is

- (A) One
- (B) Two
- (C) Three
- (D) Four

163. Land fill gas is other name of

- (A) CO_2
- (B) Co
- (C) H_2S
- (D) CH_4

164. The convention for biodiversity is dated back to

- (A) 1973
- (B) 1983
- (C) 1993
- (D) 2003

165. The super oil bag is actually

- (A) A fungus
- (B) An algae
- (C) A bacteria
- (D) A transgenic bacteria

166. The following organism is an indicator for air pollution

- (A) Algae
- (B) Fungi
- (C) Lichen
- (D) Bryophyte

167. The length of the coastal zone from the high tide line is

- (A) 200 M
- (B) 500 M
- (C) 700 M
- (D) 1000M

168. Biomedical waste disposal Act is dated back to

- (A) 1992
- (B) 1998
- (C) 2000
- (D) 2002

169. The original article which talks about protection of environment in Indian constitution is

- (A) 38A
- (B) 48A
- (C) 51A
- (D) 61A

170. GM counter is used to measure the following pollution

- (A) Noise
- (B) Water
- (C) Radioactive
- (D) Air

171. The Black Money (Undisclosed Foreign Income and Assets) and Imposition of Tax Act, 2015 does not include following

- (A) Failure to declare an undisclosed foreign asset will entail higher penalty and prosecution
- (B) Result in forfeiture of assets under Money Laundering Act
- (C) The three month compliance window for declaration came to an end on 31st August, 2015

~~(D) The declaration can be filed on-line~~

172. Process of cell division can take place by

- (A) Heterosis
- (B) Fusion
- ~~(C) Mitosis~~
- (D) None of the above

173. Who developed Yahoo ?

- (A) Danis Ritch
- (B) David Filo & Jerry Yong
- (C) Vint Cerf & Robert Luis
- (D) Steve Carl

174. Consider the following statements

1. There are about 5 million Indian workers all over the world
2. More than 90% of them are in Gulf Countries and South East Asia
3. About 3.4 lakh were for Saudi Arabia

Which of the statements given above are correct

- (A) 1 & 2
- (B) 2 & 3
- (C) 1 & 3
- (D) 1, 2 & 3

175. The jet aircrafts fly very easily and smoothly in the lower stratosphere. What could be the appropriate explanation ?

1. There are no clouds or water-vapour in the lower stratosphere
2. There are no vertical winds in the lower stratosphere Which of the statements given above is/are correct

- (A) Only 1
- (B) Only 2
- ~~(C) Both 1 and 2~~
- (D) Neither 1 nor 2

176. The acidification of oceans is increasing. Why is this phenomenon a cause of concern ?

1. The growth and survival of coral reefs will be adversely affected
2. The survival of some animals that have phytoplankton larvae will be adversely affected
3. The cloud seeding and formation of clouds will be adversely affected

Which of the statement(s) given above is/are correct ?

- (A) 1, 2
- (B) Only 2
- (C) 1 and 3
- (D) All of these

177. International Day for the Preservation of the Ozone layer is observed on

- (A) April 6
- (B) February 22
- (C) September 16
- (D) December 12

178. Which one of the following countries is the highest producer of cotton

- (A) China
- (B) Brazil
- (C) India
- (D) United States of America

179. Who is Steve Fossett known as ?

- (A) As a crocodile hunter
- (B) For completing the longest non-stop flight around the globe
- (C) For swimming across Atlantic Ocean
- (D) For climbing to Mt. Everest without any co-climber

180. The world's heaviest mango weighs

- (A) 2.5 Kg
- (B) 3.5 Kg
- (C) 5 pounds and 7 ounces
- (D) 4 pounds and 7 ounces

181. "Green Party" was initiated in

- (A) Germany
- (B) Canada
- (C) France
- (D) USA

182. Agenda 21 was formulated in

- (A) Stockholm Summit
- (B) Nairobi
- ~~(C) Rio Summit~~
- (D) Johannesburg Summit

183. Global Environment Facility was initiated by

- (A) WHO
- (B) UNDP
- (C) UNEP
- (D) WMO

184. International Board of Plant Genetic Resources was an initiative of

- (A) IUCN
- (B) FAO
- (C) UNEP
- (D) FAO and UNEP

185. Climate Action Network formed in 1989 included

- (A) 20 countries
- (B) 22 countries
- (C) 28 countries
- (D) 32 countries

186. The best way to get rid of bio medical waste is

- (A) Incineration
- (B) Autoclaving
- (C) Chemical treatment
- (D) Land fill

187. The first environmental protection act in Independent India was

- (A) Air pollution act
- (B) Water pollution act
- (C) Environmental Protection act
- (D) Hazardous waste act.

188. Compressed Natural Gas is the other name of

- (A) Ammonia
- (B) Methane
- (C) Hydrogen Sulphide
- (D) Carbon dioxide

189. The following radiocative element is widely available in India

- (A) Uranium
- (B) Plutonium
- (C) Caesium
- (D) Thorium

190. The following element is not a constituent of fertilizer

- (A) N
- (B) P
- (C) S
- (D) K

191. Birth is to be registered within

- (A) 7 days
- (B) 14 days
- (C) 30 days
- (D) 60 days

192. IQ below is considered mental retardation

- (A) 70
- (B) 90
- (C) 80
- (D) 60

193. Tiger mosquitos are

- (A) Anopheles
- (B) Culex
- (C) Aedes
- (D) Mansoides

194. Best quality proteins are found in highest quantities in

- (A) Rice
- (B) Wheat
- (C) Ragi
- (D) Bajra

195. Consider the following statements

1. Union Cabinet has approved three lakh crore on urban development under two new urban missions over the next five years – Smart Cities Mission and AMRUT
2. Union Cabinet has approved new urban Renewal mission, Atal Mission for Rejuvenation and Urban Transformation of 500 cities (AMRUT)
3. The Cabinet has approved the Smart Cities Mission and the AMRUT with outlays of Rs. 48,000 crore and Rs.50,000 crore respectively

Select the correct option using the codes given below –

- (A) 1 and 2 only
- (B) 2 and 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

196. With reference to the 62nd National Film Awards, consider the following statements

1. Directorate of Film Festivals was set-up by the Government of India in 1973 to organize International and National Film Festivals within the country
2. Vijay has been awarded best actor for Nanu Avanalla Avalu (Kannada)
3. Shashi Kapoor has been conferred Dadasaheb Phalke Award

Select the correct option using the codes given below

- (A) 1 and 2 only
- (B) 2 and 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

197. Consider the following statements

1. The Department of AYUSH has been elevated to an independent Ministry w.e.f. 09.11.2014
2. June 21 was declared as the International Day of Yoga by the United Nations General Assembly Which of the statements given above is/are correct ?

- (A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) None of these

198. Which committee has given its report on Government advertisements in Media ?

- (A) Rajinder Sachar Committee
(B) N.R. Madhav Menon Committee
(C) Swaminathan Committee
(D) Mudgal Committee

199. Eminent Marathi literatureur has been awarded 50th Jnanpith Award for 2014

- (A) Bhalchandra Nemade
(B) VS Khandekar
(C) Shirwakar
(D) Govind Karnadikar

200. Which of the following statements is not correct -

- (A) About five million VW band was hit by emission scandal
(B) VW embedded software in the vehicle's electronics allows the cars to emit upto 40 times the legally allowed amount of nitrogen
(C) In smoke test it shows that emission are within limit
(D) The scheme was discovered by German Environmental Regulator

CDW-(C)9/15

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2015

TEST BOOKLET**Paper - V**

Time allowed : 3 hours

Full marks : 200

Answer *all* the questions

Questions are of equal value

TEST BOOKLET SERIES

D

Serial No. 2204

Signature of the Candidate :

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1. This booklet consists of 32 pages including the front page. Verify the Page Nos. and Test Booklet Series on each page and bring at once to the Invigilator's notice any discrepancy.
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4. All questions are of multiple-choice answer-type. You will find four probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the oval corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
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- 1) The minimum number of judges to sit on the Constitution Bench or on Bench which gives its advisory opinion on the reference by the President must be
- A. One half of the total strength of the Supreme Court
 - B. Seven
 - C. Three
 - D. One third of the total strength of the Court
- 2) The Supreme Court of India
- A. Is a Court of record and has a power to punish for its contempt
 - B. Is the only highest Court of Appeal
 - C. Is like House of Lords on its Judicial side
 - D. Is in all respects like Supreme Court of USA
- 3) The Supreme Court at present consists of
- A. 26 Judges
 - B. 26 Judges including the Chief Justice of India
 - C. Chief Justice of India and 20 other Judges
 - D. Chief Justice of India and 16 other Judges
- 4) Doctrine of pleasure was introduced in :
- A. Article 310
 - B. Article 312
 - C. Article 317
 - D. None of the above
- 5) _____ is the Chief Law Officer of India
- A. Advocate General
 - B. Attorney General
 - C. Solicitor General
 - D. Law Minister
- 6) Which is not correct statement regarding financial emergency ?
- A. President can ask States to follow a certain canon of financial propriety
 - B. The States may be asked to reserve the Money Bills for the consideration of the President
 - C. President can suspend the normal allocation of revenues
 - D. President can reduce the salaries of civil servants and not judges
- 7) India is Union of States. This means
- A. That the Indian federation is not the result of an agreement between States
 - B. That the original federation of States gave way to Sovereign Republic
 - C. That the Constituent Assembly has created the unitary State of India
 - D. That the making of the Indian Union was preceded by the prolonged struggle for freedom from foreign rule.

- 8) The members of UPSC can be removed from the office before the expiry of the term by the
- A. Prime Minister
 - B. Chairman of UPSC
 - C. President on recommendation of Supreme Court
 - D. Prime Minister on recommendation of Supreme court
- 9) Who was the chairman of the Constituent Assembly ?
- A. Dr. Rajendra Prasad
 - B. Dr. B. R. Ambedkar
 - C. C. Rajagopalachari
 - D. Jawaharlal Nehru
- 10) The Composition of UPSC
- A. Has been laid down in the Constitution
 - B. Is determined by Parliament
 - C. Is determined by President
 - D. Is determined by Home Ministry
- 11) Which Article of the Constitution of India provides that it should by the endeavour of every State and every local authority to provide adequate facility for instruction in the mother tongue at the primary stage of education to linguistic minority groups :
- A. Art 349
 - B. Art 350
 - C. Art 350-A
 - D. Art 351
- 12) The first Election Commissioner of India was :
- A. Sukumar Sen
 - B. Dr. Nagendra Singh
 - C. S.P. Sen Verma
 - D. K.V.K. Sundaram
- 13) The Constitution of India provides that "it shall be the duty of the Union to promote the spread of the Hindi language". It is found in
- A. Art 49
 - B. Art 149
 - C. Art 351
 - D. Art 355

- 14) English is the official language of which one of the following States?
- A. Nagaland
- B. Assam
- C. Manipur
- D. Tripura
- 15) Point out the correct statement :
1. Originally the Constitution of India had 14 languages in the 8th schedule
2. Currently there are 22 languages in the Constitution of India
- A. 1 correct
- B. 2 not correct
- C. Both 1 and 2 are correct
- D. Both 1 and 2 are incorrect
- 16) Which of the following funds/authorities/bodies can be audited by the CAG?
1. Consolidated Funds of Union Government, State, U.Ts having legislative Assemblies
2. Contingency Funds of India
3. Public Accounts of States
4. Receipts and expenditure of PPP (Public Private Partnership)
- A. 1, 2, 3 only
- B. 1, 2 only
- C. 1, 3 only
- D. All
- 17) How many subjects are found in the concurrent list in the Indian Constitution?
- A. 52
- B. 62
- C. 42
- D. 72
- 18) The residuary powers of legislation are vested in Parliament in India. The residuary provisions are found in which Article?
- A. Art 245
- B. Art 248
- C. Art 250
- D. Art 251
- 19) Parliament of India has exclusive power to legislate on items in the Union list. How many subjects are in the Union list at present?
- A. 100
- B. 80
- C. 87
- D. 99

20) What is the criteria for a regional party to be recognised as a national party?

- A. Must be recognised in at least 4 states
- B. Must be recognised in at least 3 states
- C. To get 1/10th seats in the Lok Sabha
- D. Must get 1/10th seats in both Lok Sabha and Rajya Sabha

21) Provisions regarding the Panchayats are incorporated in which articles?

- A. Art 243 to Art 243 L
- B. Art 243 to Art 243 M
- C. Art 243 to Art 244
- D. Art 243 to Art 243 O

22) The Panchayats are enshrined in which Part of the Constitution of India?

- A. Part IX
- B. Part IX A
- C. Part X
- D. Part XI A

23) Choose the incorrect statement among the following:

- A. The National Commission for S.C. is a 6 member body
- B. National Commission for S.C. is a constitutional body established with a view to provide safe-guards against the exploitation of Scheduled Castes.
- C. The first commission came into being on Aug, 1978
- D. The Commission enquires into specific complaints with respect to the deprivation of rights and safeguards of the Scheduled Castes

24) With reference to National Human Rights Commission (NHRC) consider the following statements:

1. Only a retired Chief Justice of India can become a Chairman of NHRC
2. The Chairman can be re-appointed

Which of the statements above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 & 2
- D. Neither 1 nor 2

- 25) The jurisdiction of the Union Public Service Commission can be extended by :
- A. Government by a resolution
- ~~B. President~~
- C. Parliament
- D. (B) or (c) depending on the type of extension
- 26) Reservation of seats for Scheduled Castes and Scheduled Tribes is dealt within :
- A. Part XII of Constitution of India
- B. Part XIII of Constitution of India
- C. Part XIV of Constitution of India
- D. Part XVI of Constitution of India
- 27) The Constitution of India has defined which of the following? Select the correct answer
1. Scheduled Caste
2. Scheduled Tribe
3. Anglo Indians
- A. 1 and 2 only
- B. 1, 2 and 3 only
- C. 3 only
- D. 2 and 3 only
- 28) Which of the following articles correctly matched?
- A. Election Commission - Art 324
- B. Finance Commission - Art 200
- C. Attorney General - Art 176
- D. National Commission for Scheduled Castes and Tribes - Art 320
- 29) Who was the first woman to become a Chief Election Commissioner of India?
- A. V.S. Ramadevi
- B. G.D. Das
- C. S.K. Bedi
- D. R.M. Nikam
- 30) Which Article of the Indian Constitution empowers the President to appoint a Commission to investigate the condition of the backward classes in general and suggest ameliorative measures?
- A. Article 340
- B. Article 342
- C. Article 344
- D. Article 339

- 31) Respect for the National Flag and National Anthem is
- Fundamental right of every citizen
 - Fundamental duty of every citizen
 - Directive principles of State Policy
 - Ordinary duty of every citizen
- 32) Directive Principles are
- Justifiable as fundamental rights
 - Justifiable but not as fundamental rights
 - Decorative portions of Indian Constitution
 - Not justifiable, yet fundamental in governance of the country
- 33) Directive Principles of the State Policy are
- Not part of Indian Constitution
 - Policy declarations made by Jawaharlal Nehru
 - Policy principles enunciated by the Planning Commission
 - A part of Indian Constitution
- 34) Directive Principles of State Policy are
- Unique feature of the Constitution
 - Actual feature of the Constitution
 - Not a novel feature of the Constitution
 - Useless feature of the Constitution
- 35) Though all government servants hold office during the pleasure of the President or the Governor (as the case may be), two procedural safe-guards are provided for the security of tenure of 'civil servants' as distinguished from military personnel by the Constitution of India -
- A civil servant shall not be dismissed or removed by any authority subordinate to that by which he was appointed
 - No dismissal, removal or reduction in rank shall be ordered against a civil servant unless he has been given a reasonable opportunity of being heard in respect of the charges brought against him
- 1 correct
 - 2 correct
 - Both (1) and (2) correct
 - (1) correct, (2) incorrect
- 36) The Supreme Court retains its jurisdiction over the Administrative Tribunals under :
- Art 356
 - Art 132
 - Art 134
 - Art 136

- 37) To reduce the mounting arrears in High Courts and to secure the speedy disposal of service matters, revenue matters and certain other matters of special importance in the context of the socio-economic development and progress which amendment to the Constitution of India provides for administrative and other tribunals for dealing with the above matter?
- A. 41st Amendment
 B. 42nd Amendment
 C. 43rd Amendment
 D. 44th Amendment
- 38) Name the writ issued by a superior court to a lower court or a tribunal forbidding it to perform and act outside its jurisdiction
- A. Certiorari
 B. Prohibition
 C. Mandamus
 D. Quo Warranto
- 39) Point out what is not the primary function of the Finance Commission in India
- A. Prepare estimates of consolidated fund of India
 B. Distribution of net proceeds of taxes between the Centre and the States
 C. Determine factors governing grants-in-Aid to the States
 D. Recommend to the President the measures needed to augment the consolidated Fund of a State
- 40) Which of the following states does not have Panchayati Raj Institutions?
- A. Assam
 B. Nagaland
 C. Kerala
 D. Tripura
- 41) Which Constitutional Amendment Act, provided reservation in admissions in private un-aided educational institutions for students belonging to Scheduled Caste/Tribes and other Backward Classes?
- A. 92nd Amendment Act
 B. 93rd Amendment Act
 C. 94th Amendment Act
 D. 95th Amendment Act
- 42) Article 368 very clearly lays down situations in which State Legislatures have to ratify a piece of Legislation before the Bill can receive the assent of the President. Choose the provision/provisions from the following that requires ratification by $\frac{1}{2}$ of State Legislature
- A. Women's reservation
 B. Amendment of provisions regarding Scheduled Castes and Scheduled Tribes
 C. Fundamental Rights
 D. Supreme court and High Court

- 43) High Courts are instituted as Constitutional Courts by
- A. Part IX Chapter 2
- B. Part VII Chapter 6 216
- C. Part V Chapter 3
- D. Part VI Chapter 5
- 44) Currently how many High Courts are there in India?
- A. 22
- B. 24
- C. 25
- D. 29
- 45) Who is appointed as the Chief Justice of India?
- A. The President appoints the Chief Justice of India upon the advice of the Union Cabinet
- B. The senior most judge of the Supreme Court is appointed as the Chief Justice of India
- C. The panel of judges of Supreme Court elect a Chief Justice from among themselves
- D. The Chief Justice of India is elected by the Lok Sabha
- 46) To be eligible to be a judge of the Supreme Court which among the following is not a criteria for eligibility ?
- A. Judge of one High Court or more continuously for at least 5 years
- B. An advocate of High Court for at least 10 years
- C. Above 40 years of age
- D. A distinguished jurist in the opinion of the President
- 47) Choose the correct statement/statements :
1. Right to vote is not a Fundamental Right but a Constitutional one
 2. Prisoners and undertrials in India do not have the right to vote
- A. 1 only
- B. 2 only
- C. Both
- D. None
- 48) The emoluments, allowances, privileges of a Governor can be altered by :
- A. A Constitutional amendment passed by a simple majority in Parliament
- B. A constitutional amendment passed by a special majority in Parliament
- C. A constitutional amendment passed by a special majority in Parliament and ratified by one half of the State Legislatures
- D. By an ordinary legislative process that does not require constitutional Amendment

- 49) Which of the following subjects is included in the Union list?
- A. Agriculture
 - B. Extradition
 - C. Public health, Sanitation, Hospitals
 - D. Libraries, Museums
- 50) Consolidated Fund of India is provided in
- A. Art 234
 - B. Art 265
 - C. Art 239
 - D. Art 266
- 51) The provisions regarding the Union and the State relations are contained in which part of the Constitution of India?
- A. IX
 - B. X
 - C. XII
 - D. XI
- 52) Which Schedule of the Constitution of India distributes power between the Union and the States ?
- A. First Schedule
 - B. Second Schedule
 - C. Sixth Schedule
 - D. Seventh Schedule
- 53) Which article of the Constitution of India provides personal immunity to the head of the State for his official act from legal action including proceedings for contempt of Court?
- A. Article 361
 - B. Article 362
 - C. Article 368
 - D. Article 369
- 54) Which schedule deals with the Anti Defection Act?
- A. Fifth.
 - B. Eighth
 - C. Seventh
 - D. Tenth
- 55) With reference to defections consider the following statements :
1. An independent member of Lok Sabha becomes disqualified if he joins any party after 6 months from the date on which he takes his seat.
 2. A nominated member of Lok Sabha becomes disqualified if he joins any party any time
- Which statement is/are true ?
- A. 1 only
 - B. 2 only
 - C. Both 1 & 2
 - D. Neither 1 nor 2

- 56) The voting age in India was reduced from 21 years to 18 years by the
- A. 61st Amendment Act
 - B. 63rd Amendment Act
 - C. 64th Amendment Act
 - D. 69th Amendment Act
- 57) Defection to another party after election was made illegal by the :
- A. 52nd Amendment Act
 - B. 53rd Amendment Act
 - C. 54th amendment Act
 - D. 55th Amendment Act
- 58) Choose the amendment to the Constitution of India that increased the elective strength of the Lok Sabha from 525 to 545
- A. 31st Amendment Act
 - B. 30th Amendment Act
 - C. 25th Amendment Act
 - D. 21st Amendment Act
- 59) The minimum age required for becoming the Prime Minister in India is
- A. 25 years
 - B. 30 years
 - C. 35 years
 - D. 40 years
- 60) Which one of the following Bills must be passed by each House of the Indian Parliament separately by special majority?
- A. Ordinary Bill
 - B. Money Bill
 - C. Finance Bill
 - D. Constitution Amendment Bill
- 61) Which of the following rights was described by Dr. B.R. Ambedkar as the 'heart and soul' of the Constitution?
- A. Right to Equality
 - B. Right to Freedom
 - C. Right to Religion
 - D. Right to Constitutional Remedies
- 62) Which new provision was added to the Indian Constitution which provided that "no person shall be deprived of his property saved by authority of law"?
- A. Art 300 A
 - B. Art 300 B
 - C. Art 301 A
 - D. Art 301 B

- 63) Name the Chairman of the Fundamental Rights Sub-Committee of the Constituent Assembly :
- A. Dr. B.R. Ambedkar
 - B. J.B. Kripalani
 - C. Dr. Rajendra Prasad
 - D. Gopinath Bardoloi
- 64) Which of the following Union Territories attained statehood in February 1987?
- A. Arunachal Pradesh
 - B. Daman and Diu
 - C. Goa
 - D. Pondicherry
- 65) The 53rd Amendment to the Indian Constitution in 1986 inserted a new Article conferring full statehood on:
- A. Mizoram
 - B. Tripura
 - C. Meghalaya
 - D. Nagaland
- 66) What is the special constitutional position of Jammu and Kashmir?
- A. Indian laws are not applicable
 - B. It is not part of the Indian Union
 - C. It has its own constitution
 - D. It is a protected territory
- 67) The preamble to the Indian Constitution was amended in which year?
- A. 1974
 - B. 1975
 - C. 1976
 - D. 1977
- 68) The drafting committee of the Indian Constitution was formed by the Constituent Assembly on :
- A. 29th August, 1947
 - B. 30th August, 1948
 - C. 29th August, 1946
 - D. 30th August, 1949
- 69) The Constitution of India was enacted by a Constituent Assembly set-up under the recommendation of :
- A. Cabinet Mission Plan
 - B. Wavell Plan
 - C. Mountbatten Plan
 - D. Cripps Mission

70) In the National Flag which colour is used in the wheel?

- A. Black
- B. White
- C. Navy Blue
- D. Blue

71) The total number of members nominated by the President to the Lok Sabha and Rajya Sabha is

- A. 16
- B. 18
- C. 14
- D. 12

72) Which of the following is correct?

- A. Only a member of the Rajya Sabha can contest for the office of the Vice-President of India
- B. All the members of the Rajya Sabha are not elected by State Legislative Assemblies
- C. The Constitution of India explicitly prohibits the appointment of a nominated member of the Rajya Sabha to the post of a Vice-President
- D. While a candidate to the Lok Sabha can contest from any State in India, a candidate to the Rajya Sabha should ordinarily be a resident of the State from where he is contesting

73) The Vice-President of India may be removed from his/her office by the :

- A. Legislative Assemblies of State
- B. President
- C. Prime Minister
- D. Parliament

74) Which of the following Articles states that the Vice-President is an ex-officio Chairman of the Council of States?

- A. Art 60
- B. Art 61
- C. Art 62
- D. Art 64

75) Which Amendment to the Indian Constitution added that the President can send the advice of the Council of Ministers back for reconsideration once and if the Council of Ministers sends the same advice again to the President then the president must accept it ?

- A. 44th Amendment
- B. 43rd Amendment
- C. 42nd Amendment
- D. 41st Amendment

76) The manner of the election of the President in India is found in :

A. Art 64

B. Art 55

C. Art 56

D. Art 57

77) Which Article of the Indian Constitution contains the power of the president to grant pardons?

A. Article 72

B. Article 73

C. Article 74

D. Article 75

78) Which one of the following Articles empowers the president to appoint the Prime Minister of India?

A. Article 74

B. Article 75

C. Article 76

D. Article 77

79) Fill in the Blank : - The Union Territories are specified in the

A. 2nd Schedule

B. 1st Schedule

C. 3rd Schedule

D. 4th Schedule

80) In which case did the Supreme Court of India hold in a majority judgement that the Fundamental Rights could not by their very nature be subject to amendment by Parliament?

A. Minerva Mills Case 1980

B. Golaknath Case 1967

C. Keshavananda Bharati Case 1973

D. Champakam Dorairajan Case 1951

81) Under which constitutional Article newspapers do not have the right to publish reports of the proceedings of a secret session of either of the Houses of parliament or Legislative Assembly and Legislative Councils in India?

A. Art 361

B. Art 361 A

C. Art 361 B

D. Art 361 C

- 82) The Eighty-sixth Amendment of the Constitution of India altered a Directive Principle of the Constitution to provide for :
- A. Early childhood care and education for all children until they complete the age of six years
 - B. The state to provide free legal aid
 - C. Encouraging village panchayats
 - D. Prohibiting intoxicating drinks and drugs injurious to health
- 83) Which Article of the Indian Constitution enumerates Fundamental Duties of an Indian Citizen?
- A. Art 50-A
 - B. Art 50-B
 - C. Art 51-A
 - D. Art 51-B
- 84) Within what time should information be provided under RTI in case of life and personal liberty of a person?
- A. 24 Hrs.
 - B. One Week
 - C. 48 Hrs.
 - D. 30 Days
- 85) Right to Information Act came into force in :
- A. 12th Oct, 2005
 - B. 12th Oct 2006
 - C. 12th Oct 2007
 - D. 12th Oct 2008
- 86) Which among the following articles relating to Fundamental Rights cannot be suspended during the emergency under Art 359 of the Indian Constitution?
- A. Art 14 and Art 15
 - B. Art 16 and Art 17
 - C. Art 20 and Art 21
 - D. Art 24 and Art 25
- 87) Choose the Article in the Constitution of India that envisages free and compulsory education for children upto the age of 14 years.
- A. Art 19
 - B. Art 31
 - C. Art 44
 - D. Art 21 A
- 88) The Constitution of India guarantees that all citizens will be equal before law by which Article?
- A. Art 11
 - B. Art 12
 - C. Art 13
 - D. Art 14

89) Choose the following writs that can be issued against administrative authorities :

~~A. Prohibition, Certiorari, Mandamus~~

B. Prohibition and Mandamus

C. Prohibition and Certiorari

D. Certiorari and Mandamus

90) Which of the following writs is a bulwark of personal freedom?

A. Certiorari

B. Habeas Corpus

C. Mandamus

D. Quo Warranto

91) The minimum age for holding office in the Rajya Sabha is

A. 18 years

B. 21 years

C. 25 years

D. 30 years

92) What is the maximum strength (number of members) of the Lok Sabha envisaged by the Constitution of India ?

A. 552

B. 540

C. 555

D. 550

93) Choose the incorrect statement from the following :

A. The Prime Minister presides over the meeting of Council of Ministers

B. Resignation of the Prime Minister means the resignation of the entire Council of Ministers

C. The Prime Minister allocates portfolios to the Ministers

D. The Prime Minister directly appoints everyone in the Council of Ministers

94) What is the maximum permissible size of the Council of Ministers at the Centre?

A. Maximum 50

B. No upper limit

C. Cannot exceed 15% of the total members of Lok Sabha

D. Cannot exceed 10% of the total members of Lok Sabha

95) The maximum number of Anglo Indian who can be nominated to the Lok Sabha are

A. 3

B. 2

C. 5

D. 4

96) Which of the statements below is/are correct?

1. The Parliament of India consists of three parts, viz the President, the House of People and the Council of States
2. The President of India is not a member of either House of Parliament
3. The Parliament is the Legislative organ of Union Government

- A. 1 only
- B. 1 & 2 only
- C. 1 & 3 only
- D. All of the above

97) Choose the Article of the Indian Constitution that provides for the Joint sitting of the Lok Sabha and the Rajya Sabha

- A. Article 101
- B. Article 108
- C. Article 133
- D. Article 102

98) In the absence of the Speaker and the Deputy Speaker who presides over the deliberations of the Lok Sabha ?

- A. Oldest member of the House
- B. Prime Minister
- C. Leader of the opposition
- D. One of the members of the House out of a panel of six persons nominated by the speaker

99) In the case of disagreement on a Bill between the two Houses of Parliament

- A. The Prime Minister intervenes
- B. The President intervenes
- C. A special Parliamentary Committee is formed to resolve the impasse
- D. A joint sitting of the Houses of Parliament is convened

100) After the declaration of financial emergency by the President, what is the period of operation of the emergency without approval by the Parliament?

- A. One month
- B. Two months
- C. Three months
- D. Four months

101) In the Index of Eight core Industries, which one of the following is given the lowest weight

- A. Electricity generation
- B. Fertiliser production
- C. Coal
- D. Cement

102) Which of the statements is not correct

- A. National Food Security Mission was launched in 2007-2008
- B. It (NFSM) aimed at increase in production of rice, wheat and pulses
- C. The basic strategy is to promote and extend improved technologies
- D. It did not lay emphasis on soil management

103) Which of the following is not true about Indian economy

- A. The contribution of the primary sector in the GDP is increasing regularly
- B. The share of its tertiary sector increased
- C. The share of the secondary sector never crossed 40%
- D. It is an agrarian economy directly shifting towards service economy

104) "High Street Banking" lays emphasis on

- A. Retail lending
- B. Corporate lending
- C. Long-term risk free lending
- D. Short-term lending

105) Which of the following is not correct about White Label ATMs

- A. These are owned and operated by a third party non-banking firm
- B. They serve customers of all banks
- C. These entities have a mandate to deploy 80% of ATMs in rural locations
- D. The main objective is financial inclusion

106) Which of the following is not correct?

- A. Credit rating is done to assess the credit worthiness of the prospective borrower
- B. It is done in case of individuals and even countries
- C. Equity share is rated in the rating
- D. Ratings are an investor service

107) RBI is required to maintain a minimum reserve equivalent of Rs..... ~~crore~~ in gold and foreign currency with itself crore

- A. 1000 crore
- B. 200 crore
- C. 500 crore
- D. 2000 crore

108) Which of the following is not correct?

- A. Repo rate is an abbreviated form of "the rate of repurchase"
- B. Repo rate is also known as "rate of discount"
- C. The Repo rate was introduced in December, 1992
- D. Only A & C are correct

109) The Reserve Repo Rate is currently fixed at

- A. 5.25%
- B. 5.75%
- C. 4.25%
- D. None of the above

110) Which of the following is not true :

- A. Marginal standing facility (MSF) came into effect from May, 2011
- B. Under the scheme banks can borrow overnight upto 1% of their net demand and time liabilities.
- C. The minimum amount which can be accessed through MSF is Rs.1 crore
- D. Banks can borrow through MSF on all working days

111) Industrial growth rate accelerated in 1980s due to growth of

- A. Electronic and consumer goods
- B. Basic and heavy capital goods
- C. Infrastructural industries
- D. Small scale industries

112) Under PL 480 scheme India entered into this programme

- A. Import of oil product
- B. Import of food grains
- C. Export of tea
- D. None of the above

113) In case of use of mineral resources of a State by Union Government, the State can

- A. Increase royalty according to its own will
- B. Cannot increase royalty without permission of the Centre
- C. Sometimes it can change rate
- D. Uncertain

- 114) Integrated Rural Development Programme (IRDP) came during
- A. Fourth plan
 - B. Fifth plan
 - C. Sixth plan
 - D. Eighth plan
- 115) The strategy of direct attack on poverty was taken in this plan
- A. Plan four
 - B. Plan five
 - C. Plan eight
 - D. Plan nine
- 116) Attitude of Industrial Policy 1991 toward foreign direct investment was one of
- A. Total rejection
 - B. Increase in the share of FDI
 - C. Decrease in the share of FDI
 - D. None of the above
- 117) World Trade Organisation (WTO) advised less developed countries to
- A. Impose export subsidy
 - B. Practice exchange control measures
 - C. Practice market opening and free trade in goods and services
 - D. None of the above
- 118) India suffered serious foreign exchange crisis in this year
- A. 1989
 - B. 1990
 - C. 1991
 - D. 1995
- 119) Financial sector reform implied
- A. More loan to priority sector
 - B. More fiscal monetary link
 - C. Decrease in SLR
 - D. None of the above
- 120) Disinvestment of PSE-s was required because of this
- A. Decrease in competitiveness
 - B. Increasing subsidy
 - C. Increase in capacity unutilisation ?
 - D. All of the above

121) Consider the following :

1. Growing public sector was emphasized in first eighth plans
2. Planning in India derives its objectives and social premises from the Directive Principles of State Policy
3. The Planning Commission was set-up in March, 1952 by a Resolution of the Government of India

~~A. 1 & 3 are true~~

B. 2 & 3 are true

~~C. 1 & 2 are true~~

D. All are true

122) Consider the following statement

1. Niti Aayog is a policy think tank
2. It aims at greater participation in the economic policy by the State Governments
3. First meeting of the Aayog was held on 18th February, 2015

A. 1 & 2 are true

B. 1, 2 & 3 are true

C. 2 & 3 are true

D. 1 is true

(123) Consider the following statement

1. ~~The Ninth Plan was launched in the fiftieth year of India's independence~~
2. It lay emphasis on five basic minimum needs
3. It achieved a growth rate of 5.5 per cent per annum in GDP

A. 1 & 3 are true

B. 1 & 2 are true

C. 2 & 3 are true

~~D. All of the above are true~~

124) The Eighth Plan could not take off in 1990 due to

A. Extreme financial crisis

~~B. Fast changing political situation~~

C. The concept of Annual Plan was brought in

D. Planning Commission advised so

125) The National Urban Transport Policy has the following focus -

A. Move fast

B. Move people not vehicle

~~C. Reduction in public transport~~

D. Discouraging non-motorised modes of travel

- 126) India's external debt at the end of March, 2014 stood at
- A. US\$ 440.6 billions
 - B. US\$ 550.7 billions
 - C. US\$ 540.6 billions
 - D. None of the above
- 127) Indian Foreign Exchange Reserves comprise of
- A. Gold & SDR
 - B. Reserve Tranche Position (RTP) in the IMF
 - C. Foreign Currency Assets (FCAs)
 - D. All of the above
- 128) Consider the following statement :
1. Tea and spices are the brand ambassadors of India
 2. India has been elected as the chair of International Coffee Organisation Council
 3. The trade and export of the commodities has not grown steadily
- A. 1 & 3 are true
 - B. 1 & 2 are true
 - C. 2 & 3 are true
 - D. All of the above
- 129) The National Income of India during 2013-14 at current prices is estimated at
- A. Rs.92.4 lakh crore
 - B. Rs.91.5 lakh crore
 - C. Rs.98.6 lakh crore
 - D. None of the above
- 130) Advantages of foreign capital are found in this way (Find correct statement)
- A. It is often speculative and creates uncertainty in capital market
 - B. It may bring unsuitable technology
 - C. It bridges the gap between domestic investment and savings
 - D. It results in economic drain
- 131) The current rate of CRR (Cash Reserve Ratio) is _____%
- A. 3.5
 - B. 4
 - C. 4.5
 - D. 5

132) Which of the following is not true

- A. Bank rate is the interest rate which RBI charges on its long term lendings
- B. The rate was realigned with the MSF (Marginal Standing Facility) by the RBI in February 2012
- C. The Banks, financial institutions etc. borrow through this route excepting Government of India
- D. The rate has direct impact on long term lending activities

133) Which of the following is not a function of the Reserve Bank of India

- A. Bank of Issue
- B. Banker's Bank and lender of the last resort
- C. Agent of Government of India in World Bank
- D. Announces the credit and monetary policy for the economy

134) Financial inclusion as per RBI means

- A. Greater consumer protection for newly included customers
- B. An easily accessed and speedy grievance redressal process
- C. Expanded efforts on financial literacy
- D. All of the above

135) The allocation for General budget as a percentage of total budget has gone up from 2.79% in 2005-06 to In 2015-16

- A. 5.46
- B. 4.46
- C. 5.83
- D. 5.91

136) Consider the following statements :

1. India's Jute contributes about 70% of world production
2. Minimum support price for raw jute is fixed every six months by Government of India
3. Raw jute is produced mainly in the State of West Bengal, Bihar, Assam and Tripura
4. The Cabinet Committee on Economic Affairs has approved the Minimum Support Price for 2014-15 season at Rs.2,400 per quintal

A. 1, 2 & 3 are true

B. 1, 3 & 4 are true

C. 1 & 2 are true

D. All are true

137) Consider the following :

1. Indian Textiles Industry contributes about 4% to the GDP
2. The textile sector is the second largest provider of employment
3. It contributes 15% to the country's export earnings

- A. Only 1 is true
 B. 2 & 3 are true
 C. 1 & 2 are true
 D. All are true

138) The second meeting of the Governing Council of NITI Aayog emphasized on :

- A. Eradication of poverty
 B. State units should be the focus of all development efforts
 C. Clearance of all pending projects
 D. (A) & (B)

139) The basic thrust of two Annual Plans, 1990-91 and 1991-92 are

- A. Maximisation of employment
 B. Ensuring social transformations
 C. Securing self sustaining growth
 D. (A) & (B) both

140) Consider the following statements:

1. The tenth Five Year Plan (2002-07) was approved by NDC in December, 2002
2. The plan aimed at creating 50 million job opportunities
3. It recognizes that Governance is one of the most important factors for realizing the objectives of the plan

- A. 1 & 2 are true
 B. 2 & 3 are true
 C. 1 & 3 are false
 D. All are true

141) Find the incorrect statement

Structural adjustment implies this

- A. Increasing import restriction
 B. Import liberalization
 C. Opening domestic market to free trade
 D. Bringing flexible exchange rate

142) Inflation can be controlled by this method

- A. Reducing SLR
 B. Reducing CRR
 C. Increasing bank rate
 D. None of the above

- 143) New money supply is created when
- A. Loan from RBI increases
 - B. Loan from commercial banks increases
 - C. Loan from public increases
 - D. None of the above
- 144) Which one of the following comes under tertiary sector
- A. Cottage industries
 - B. Mining
 - C. Agriculture
 - D. Banking and insurance
- 145) If withdrawal of workers from employment does not create output loss, this is,
- A. Search unemployment
 - B. Voluntary unemployment
 - C. Disguised unemployment
 - D. Frictional unemployment
- 146) Development of basic capital goods industries took place during -
- A. First plan
 - B. Second plan
 - C. Sixth plan
 - D. Eighth plan
- 147) Most of the public sector units performed with
- A. High profit
 - B. Subsidy
 - C. No profit no loss
 - D. None of the above
- 148) Corporation tax is
- A. An important state level tax
 - B. Collected by local self-government
 - C. A Central tax
 - D. None of the above
- 149) First two decades of planning witnessed foreign exchange position to be
- A. Very satisfactory
 - B. Unsatisfactory
 - C. Moderate
 - D. None applies
- 150) Early phase of Indian planning experience observed this
- A. Import substitution
 - B. Free trade regime
 - C. Import liberalization
 - D. Both (B) and (C)

151) Which one of the following does not come under liberalization programme ?

- A. Removal of Industrial licensing
- B. Reservation of small scale industries items
- C. Reduction in MRTP restrictions
- D. Increasing limit of foreign direct investment

152) Zamindari abolition in West Bengal came in this year

- A. 1951
- B. 1953
- C. 1960
- D. 1961

153) Code the incorrect one.

Sources of long term finance of private industrial sector are

- A. Shares
- B. Debentures
- C. Loan from development banks
- D. Loan from RRBs

154) Which of the following items does not come under Indian imports

- A. Petroleum
- B. Chemicals
- C. Fertilizer
- D. Gems & Jewellery

155) Devaluation of Indian currency in 1991 was required to bring

- A. Increase in Imports
- B. Decrease in Exports
- C. Increase in Exports
- D. Both Exports and Imports to fall

156) The first Industrial policy in India was introduced in the year

- A. 1947
- B. 1948
- C. 1950
- D. 1951

157) The decade 1965-1975 witnessed, in India

- A. Very high growth of Industries
- B. High growth of Industries
- C. Stagnation
- D. None applies

158) Point out the incorrect statement

Deficit financing

- A. Raises production when resource supply is elastic
- B. Is always inflationary
- C. Helps to employ unutilised resources
- D. Starts multiplier chain of working

159) Freight equalisation policy affected industrial development in West Bengal in the following way

- A. Beneficially
- B. Adversely
- C. Neutrally
- D. None applies

160) Deficit financing in the following way is inflationary, when supply is inelastic -

- A. Loan from the capital market
- B. Government loan from RBI
- C. Loan from commercial banks
- D. Loan from foreign banks

DF - 40% 20%
 20%
 20%
 Supply

161) Commercial banks are -

- A. The only source of long term finance for industries
- B. One of the sources of long term finance
- C. Usually do not get involved in term lending
- D. None of the above

162) CRR instrument applies on -

- A. Scheduled commercial banks
- B. (A) and the investment companies
- C. CRR applies on non-banking financial institutions
- D. None of the above

163) CRR as an instrument of credit control is usually

- A. Highly effective
- B. Not at all effective
- C. Partly effective
- D. Uncertain

164) Treasury bills are instruments of getting credit for such period

- A. Long term
- B. Very long term
- C. Medium term
- D. Short term

165) Cash reserve ratio (CRR) and statutory liquidity ratio (SLR) were most used in pre-reform period

The statement is :

- A. True
- B. False
- C. Partly true
- D. none of the above

166) Open Market Operations (OMO) is

- A. A direct way to control credit
- B. An indirect way to control credit
- C. A technique to assist foreign exchange dealers in doing their business
- D. Both (A) and (C)

167) By repo rate, Reserve Bank of India(RBI)

- A. Injects liquidity into system
- B. Absorb liquidity from the system
- C. Helps industries in getting fund
- D. Both (A) and (C)

168) Monetisation of loans through issue of Treasury Bills brings

- A. Increase in money supply
- B. Decrease in money supply
- C. Increase in foreign exchange reserve
- D. Both (A) and (C)

169) The process of bill discounting is

- A. Long term loan taken-by commercial banks
- B. Trade credit
- C. Government loan from capital market
- D. Both (A) and (C)

170) The period prior to economic reform in India observed

- A. Free rate of Interest regime
- B. Administered rate of interest regime
- C. High profitability of commercial banks
- D. Both (A) and (C)

171) Code the incorrect statement.

Green revolution make possible

- A. Multiple cropping
- B. Use of High yielding variety (HYV) seeds
- C. Very low use of chemical fertilizer
- D. Increasing use of agro machinery

172) Find out the incorrect statement :

In Co-operative farms -

- A. Farmers join voluntarily
- B. Farmers face no compulsion
- C. Private ownership of land does not remain
- D. They pool their land to form a large holding

173) Point out the correct statement

- A. Political will to make land reforms successful in India was strong
- B. Co-operative farming in India has not been successful
- C. Administrative efficiency in imposing land ceiling was high
- D. Land Reforms in India have become successful

- 174) Contribution of agricultural sector to Indian ~~gross~~ domestic product is ^{gross}
- A. More than its percentage share in total employment
 - B. Less than its percentage share in total employment
 - C. Both shares are fairly equal
 - D. None applies
- 175) Industrial Reforms Policy took this approach to monopolies
- A. Remove MRTP restrictions
 - B. Tighten such restrictions
 - C. Neutral attitude
 - D. Partly regulate the monopolies
- 176) Number of public sector enterprise (PSE) under New Economic Policy
- A. Increased
 - B. Decreased
 - C. Remained same
 - D. First increased then decreased
- 177) Inflation can be controlled by
- A. surplus budget
 - B. increase in taxation
 - C. reduction in public expenditure
 - D. All of the above
- 178) Union excise duty is imposed on
- A. Sale of product
 - B. Personal and corporate income
 - C. Ex-factory production
 - D. None of the above
- 179) Indian employment is generated mostly in this sector
- A. Registered Sector
 - B. Government Sector
 - C. Un-registered and Un-organised sector
 - D. Both (A) and (B)
- 180) National Development Council was set up in
- A. 1948
 - B. 1949
 - C. 1952
 - D. 1954

- 181) Which of the following statements is correct?
- A. RBI has direct control on non-banking financial intermediaries
 - B. RBI does not control Export-Import Bank
 - C. RBI does not have any role in controlling foreign exchange crisis
 - D. RBI can control foreign exchange reserve
- 182) Bank nationalization did not have this impact
- A. Total deposits of Banks increased much
 - B. Priority sector got more loan than before
 - C. Branch expansion took place
 - D. Security and safety of depositors declined
- 183) Long Term capital for industrial sector mainly comes from
- A. RBI
 - B. NABARD
 - C. Lead bank
 - D. Capital Market
- 184) Role of RBI in the plan period followed this line
- A. Expansion of developmental loan
 - B. Control of Inflation
 - C. Control of Credit
 - D. All of the above
- 185) Indian currency is
- A. Totally convertible in capital account
 - B. Partly convertible in capital account
 - C. Not convertible in capital account
 - D. None of the above
- 186) NABARD provides help by
- A. Giving agricultural refinance facilities
 - B. Discounting Bills
 - C. Giving term loan to banks
 - D. Giving direct loan to industries
- 187) Rural credit in India comes mainly from
- A. Regional Rural banks
 - B. Commercial banks
 - C. Co-operative banks
 - D. Money lenders
- 188) Bank nationalisation observed, disbursement of large part of priority sector loan to
- A. Small farmers
 - B. Big farmers
 - C. Small scale industries
 - D. Household and cottage industries

189) RBI uses reverse repos to absorb liquidity

The Statement is -

- A. True
- B. False
- C. Partly True
- D. Does not apply

190) A closed economy is in which

- A. money supply is fully controlled
- B. deficit financing takes place
- C. only export is there
- D. neither export nor import takes place

191) Find out the incorrect statement

Chelliah Committee recommended regarding tax reforms -

- A. To simplify rules of tax
- B. To reduce rate of income tax
- C. To raise the rate of customs duties
- D. Both (A) and (B)

192) Major burden of excise tax falls on

- A. Very wealthy persons
- B. Rich persons
- C. Low middle class and poor persons
- D. None of the above

193) Which one of the following items takes importance in government earnings in India?

- A. Deficit budget
- B. Loan
- C. Direct Tax
- D. Indirect Tax

194) Find out the incorrect statement

Cause of inflation is

- A. Parallel economy
- B. Low fiscal deficit
- ~~C. High growth of money supply~~
- D. High rate of public expenditure

- 195) Responsibility of agricultural credit and refinance lies on the following institution
- A. RBI
 - B. NABARD
 - C. State Bank of India
 - D. None of the above
- 196) Which of the following items is of economically unproductive nature ?
- A. Defence
 - B. Interest charges
 - C. Subsidy
 - D. Administrative expenditure
- 197) Economic reforms policy gives utmost emphasis on
- A. Import restriction
 - B. Export promotion and import liberalisation
 - C. Import substitution
 - D. None applies
- 198) Sale Tax
- A. Is progressive
 - B. Is regressive
 - C. Brings distributive justice
 - D. Is non inflationary
- 199) Maximum revenue in India comes from
- A. Corporation tax
 - B. Income tax
 - C. Customs duty
 - D. Excise duty
- 200) Trickle down process in India has become
- A. Successful highly in generating all round growth
 - B. Not at all successful
 - C. Partly successful
 - D. Uncertain

CDW-(C)10/15

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO

2015

TEST BOOKLET

Paper - VI

Time allowed : 3 hours

Full marks : 200

Answer *all* the questions

Questions are of equal value

TEST BOOKLET SERIES



Serial No.1284.....

Roll No. :

Signature of the Candidate :

INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions :

1. This booklet consists of 36 pages including this front page. Verify the Page Nos. and bring at once to the Invigilator's notice any discrepancy.
2. Answer will have to be given in the Special Answers-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card. **Do not fold the Answer-Sheet as this will result in error in your marks.**
4. All questions are of multiple-choice answer-type. You will find four probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the oval corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. If more than one oval is encoded for a particular answer, it will be treated as a wrong answer.
6. **There will be negative marking for wrong answers 1/3 mark will be deducted for each wrong answer.**
7. **The Special Answer-Sheet should be handed over to the Invigilator before leaving the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.**
8. There is a blank page at the end of this booklet for rough work.
9. Candidates are not **allowed** to use **Calculator** in the Examination

[Please Turn Over]

$$\frac{10}{3}, \frac{12}{5}, \frac{14}{7}, \frac{20}{9}, \frac{5}{2} =$$

$$\frac{10}{3} \times 630, \frac{12}{5} \times 630, \frac{14}{7} \times 630, \frac{20}{9} \times 630, \frac{5}{2} \times 630$$

2100, 4725, 1440, 1400, 1575
CDW-(C)10/15

$$\frac{1}{2}, \frac{2}{5}, \frac{2}{7}, \frac{2}{9}, \frac{1}{2} \quad \text{D-2}$$

$$3 \overline{) 2, 3, 7, 9, 2}$$

$$\begin{array}{r} 21 \\ 630 \\ \hline 30 \\ 63 \\ \hline 1890 \end{array}$$

$$\frac{240}{60} \times 105$$

$$5 \overline{) 10, 12, 14, 16, 18, 20}$$

$$\begin{array}{r} 8 \\ 249 \\ \hline 630 \\ \hline 21 \end{array} \quad \frac{8}{21} \times 60$$

1. Five bells tolled together and since then they

began to toll at intervals $3\frac{1}{3}, 2\frac{2}{5}, 2\frac{2}{7}, 2\frac{2}{9}$ and

$2\frac{1}{2}$ secs. They will again toll together after

(A) 3 minutes

(B) 4 minutes

(C) 5 minutes

(D) 6 minutes

$$\begin{array}{l} 5 \overline{) 2100, 4725, 1440, 1400, 1575} \\ \quad 420, 945, 288, 280, 315 \\ \hline 2 \overline{) 84, 189, 288, 56, 63} \\ \quad 42, 189, 144, 28, 63 \\ \hline 7 \overline{) 14, 63, 98, 28, 21} \\ \quad 2, 9, 48, 4, 3 \\ \hline 3 \overline{) 2, 9, 48, 4, 3} \\ \quad 2, 1, 16, 4, 1 \\ \hline 2 \overline{) 2, 1, 8, 2, 1} \\ \quad 1, 1, 4, 1, 1 \end{array}$$

2. Two pipes can fill a cistern in 20 minutes and 30 minutes respectively. Both pipes being opened, time when the first pipe must be turned off so that cistern may be filled in 10 minutes more will be

(A) 8 minutes

(B) 9 minutes

(C) 10 minutes

(D) 12 minutes

$$\frac{1}{20} + \frac{1}{30} = \frac{3+2}{60} = \frac{5}{60} = \frac{1}{12} \text{ part}$$

$$\frac{1}{30} \times 10 = \frac{1}{3}$$

$\frac{1}{3}$ part = 4x (part) = 40 min - B

$\frac{1}{12}$ part = 5x (part) = 50 min
 $\frac{2}{3}$ part = 40 min

3. B starts from the same place 3 hours after A

who runs 4 km. an hour. If B runs $5\frac{1}{2}$ km.

an hour distance at which B will overtake A will be

(A) 40 Km.

(B) 44 Km.

(C) 48 Km.

(D) 52 Km.

$$\frac{11}{2} \times 3 \text{ h.} = \frac{33}{2} \text{ km.}$$

4. The boys of a school can be arranged in 15, 18 or 24 equal rows and also into a perfect square. The least number of boys in the school is

(A) 900

(B) 1600

(C) 2500

(D) 3600

$$3 \overline{) 15, 18, 24} \quad 3 \overline{) 18, 24}$$

$$2 \overline{) 5, 6, 8} \quad 2 \overline{) 5, 6, 8}$$

$$3 \times 2 \times 5 \times 2 \times 2 \times 2$$

5. In an examination full marks is 1000 - A gets 20% more marks than B and B gets 25% more marks than C. If C gets 500 marks, percentage of marks that A gets is

(A) 50%

(B) 60%

(C) 75%

(D) 80%

$$125 \times \frac{25}{100} = 31.25$$

$$625 \times \frac{20}{100} = 125$$

$$4750 \times 100 = 475000$$

6. No of Zeros in the product of natural numbers from 1 to 10 will be

(A) 4

(B) 3

(C) 2

(D) 1

$$1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 \times 10$$

$$\frac{24}{5} = 4.8$$

$$\frac{120}{6} = 20$$

$$\frac{720}{7} = 102.85$$

$$262880$$

$$40320$$

$$800$$

SP 80 21 or 100
 " 100 " $\frac{100-25}{100} \times 100$
 $\frac{100-25}{100} \times 100$
 $\frac{75}{100} \times 100$
 75
 2125

325-
~~105~~ ~~100~~ 20
~~325~~ ~~100~~ $\times 325$
~~105~~ 21

21 | 325
 21

 215

D-3

CDW-(C)10/15

7. A Seller sold an article with 20% loss. If he sold the article with Rs. 200 more he would have a profit of 5%. Cost price of the article was

- (A) Rs. 600
- (B) Rs. 800
- (C) Rs. 1000
- (D) Rs. 1200

CP = 100 SP = 20
 SP = 80 CP = 100
 CP = x SP = 200
 SP = 200 CP = 100

8. A can do a work in 24 days. If B's efficiency is 60% more than A, B can do the whole work in

- (A) 12 Days
- (B) 15 Days
- (C) 18 Days
- (D) 20 Days

A 24 B 60
 A 1 B $\frac{60}{100}$
 24 $\frac{60}{100} \times 24$
 A 100 B 160
 1 1 1
 24 160 100
 $\frac{1}{24} + \frac{1}{160} = \frac{5}{120} = \frac{1}{24}$
 24

9. Speeds of a motorbike and a scooter are in the ratio 7:4. If the motor bike takes 4 hours to go 140 km., time taken by the scooter to go 60 km. is

- (A) 2 hrs.
- (B) $2\frac{1}{2}$ hrs.
- (C) 3 hrs.
- (D) $3\frac{1}{2}$ hrs.

Motorbike: $\frac{140}{4} = 35$ km/hr
 Scooter: $\frac{60}{x}$
 $\frac{35}{4} = \frac{60}{x}$
 $x = \frac{60 \times 4}{35} = \frac{240}{35} = 6\frac{6}{7}$

10. One dozen of bananas were available in a particular price. At present only 10 bananas are available in that price. Increase in price is

- (A) 20%
- (B) 15%
- (C) 10%
- (D) 5%

12 bananas = 1000
 10 bananas = 1000
 Price per banana = $\frac{1000}{12}$
 New price = $\frac{1000}{10} = 100$
 Increase = $\frac{100 - \frac{1000}{12}}{\frac{1000}{12}} = \frac{1000 - 1000}{1000} = 0$

11. A, B, C can do a piece of work in 20, 30 and 60 days respectively. If A is assisted by B and C on every third day the work will be finished in

- (A) 10 days
- (B) 15 days
- (C) 18 days
- (D) 20 days

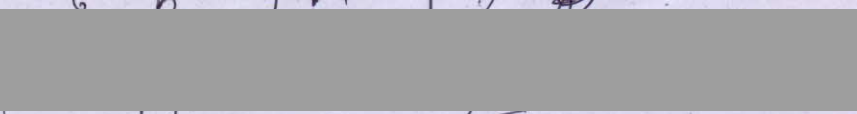
$\frac{1}{20} + \frac{1}{30} + \frac{1}{60} = \frac{3+2+1}{60} = \frac{6}{60} = \frac{1}{10}$
 10 days

12. Price of a new machine is Rs. 36,000. If its price is reduced by 10% every year, after two years price of the machine will be

- (A) Rs. 22,450
- (B) Rs. 25,640
- (C) Rs. 28,760
- (D) Rs. 29,160

$36,000 \times \frac{14}{100} = 32,400$
 $32,400 \times \frac{14}{100} = 28,760$

$22\frac{1}{7}$



13. A sum of money amounts double in 12 years 6 months. It will amount thrice in

- (A) 18 years
(B) 20 years
(C) 25 years
(D) 27 years

14. In examination 65% passed in Bengali, 55% passed in Mathematics and 40% passed in both subjects. If 40 examinees failed in both subjects number of examinees was

- (A) 160
(B) 200
(C) 240
(D) 280

~~160~~
 $n \times \frac{65}{100} = \frac{65}{100} \text{ of } n$
 $n \times \frac{55}{100} = \frac{55}{100} \text{ of } n$

15. Two trains start at the same instant, one from Kolkata to Modhupur and other from Modhupur to Kolkata. If they arrive Modhupur and Kolkata respectively 1 hr. and 4 hrs. after they pass each other, ratio of the speed of the two trains are

- (A) 2:1
(B) 3:2
(C) 4:1
(D) 4:3

16. A train can go from Burdwan to Howrah in 6 hours and another train can go from Howrah to Burdwan in 4 hours. Both of them start at 7 A.M. They will meet at

- (A) 9-15 A.M.
(B) 9-22 A.M.
(C) 9-24 A.M.
(D) 9-25 A.M.

17. A man spends in 4 months what he earns in 3 months. If his annual savings is Rs. 45,000 his monthly income is

- (A) Rs. 15,000
(B) Rs. 18,000
(C) Rs. 20,000
(D) Rs. 22,000

Spends in $\frac{3n}{4}$
 $\therefore n - \frac{3n}{4} = \frac{45,000}{12}$
 $12n = 45,000$

18. A man and a boy can do a piece of work in 36 days. If the man works alone for last 10 days, the work is completed in 40 days. The boy alone can do the whole work in

- (A) 70 days
(B) 80 days
(C) 90 days
(D) 100 days

$\frac{45000}{12}$
 $\frac{3}{12} \mid 45,000$
 $\underline{96}$

SP $\frac{225}{2}$ 100
~~100~~ $100 \times \frac{2}{225}$
 900 D-5 - $100 \times \frac{2}{225} \times 900$ $\frac{8000}{7600}$
 $\frac{400}{7600}$
 CDW-(C)10/15

19. An article was sold for Rs. 9,000 at a profit of $12\frac{1}{2}\%$. Had it been sold for Rs. 7600 the result would be

- (A) 4% profit
- (B) 4% loss
- (C) 5% profit

(D) 5% loss
 $7600 - 100$

$\frac{12.5}{100} \times 100 = 12.5$
 $100 \times \frac{25}{2}$
 $\frac{400}{7600} \times 100 = 5.26$

20. A and B enter into partnership with Rs. 30,000 and Rs. 50,000 respectively. After 6 months A puts Rs. 40,000 more but B withdraws Rs. 10,000. If the profit in one year is Rs. 6175 profit of A is

- (A) Rs. 3000
- (B) 3150
- (C) 3200
- (D) 3250

$\frac{30,000 \times 18 + 70,000 \times 6}{50,000 \times 18 - 10,000 \times 6} = \frac{190,000 + 420,000}{900,000 - 60,000}$

21. The ratio in which two types of tea one Rs. 300 per kg and other Rs. 175 per kg be mixed and sold for Rs. 250 per kg to make a profit of 25% is

- (A) 1:2
- (B) 1:4
- (C) 2:3
- (D) 2:5

$11:22,000$
 $10:20,000$
 $11:10$
 $\frac{25 + 100}{25 + 200}$
 $\frac{11}{21}$

22. When a stove is sold for Rs. 423 there is a loss of 6%. To make a profit of 8% sale price of the stove will be

- (A) Rs. 482
- (B) Rs. 484
- (C) Rs. 486
- (D) Rs. 488

$7400 - 400$
 $100 - \frac{400}{7400} \times 100$
 $SP 8000$ Loss 7600
 $CP 100$ $\frac{7600}{8000} \times 100$

23. Purchasing 8 fruits in Rs. 6 if 6 fruits are sold in Rs. 8 profit will be

- (A) $67\frac{4}{5}\%$
- (B) $69\frac{5}{8}\%$
- (C) $72\frac{3}{7}\%$
- (D) $77\frac{7}{9}\%$

$9000 - 400$
 $100 - \frac{400}{9000} \times 100$
 $SP 100$ $CP = 0$
 $SP 96$ $CP = 100$
 423 $\frac{100}{94} \times 423 = 141$
 $\frac{50}{100} \times 423 = 211.5$
 $94 - 47 = 47$
 $141 + 211.5 = 352.5$
 $352.5 - 47 = 305.5$

24. If 12 men can do a work in 30 days working 9 hours a day then number of men who can do 10 times of the work in 24 days working 5 hours a day is

- (A) 180
- (B) 270
- (C) 330
- (D) 360

$100 - 450$
 $100 - 108$
 $450 - 108$
 20
 $21 \times 16 \times 175$
 42
 109
 170
 496

find (arr) n (arr)

$$n + n + n + n = 7$$

CDW-(C)10/15

D-6

25. A man divided Rs. 75,000 among his 4 sons and 3 daughters. So that each son got as much as three daughters together got. Each son got

- (A) Rs. 7,500
- (B) Rs. 10,000
- (C) Rs. 12,500
- (D) Rs. 15,000

$$5n = 75,000$$

$$\therefore n = \frac{75,000}{5} = 15,000$$

26. The value of $999 \frac{995}{999} \times 999$ is

- (A) 998988
- (B) 998992
- (C) 998996
- (D) 998998

27. Sum of $1\frac{3}{5}$ and $2\frac{3}{10}$ is m times the difference

between $\frac{3}{4}$ and $\frac{1}{10}$. The value of m is

(A) 6

$$(B) 7 \quad \frac{3}{4} - \frac{1}{10} = \frac{15-2}{20} = \frac{13}{20}$$

(C) 8

$$(D) 9 \quad \frac{13}{20} \times m = \frac{8}{5} + \frac{23}{10} = \frac{16+23}{10}$$

$$\frac{13}{20} m = \frac{39}{10} = \frac{39}{10}$$

28. Simplest value of $125\frac{11}{125} - 25\frac{7}{75}$ is

- (A) $100\frac{4}{375}$
- (B) $100\frac{2}{375}$
- (C) $99\frac{371}{375}$
- (D) $99\frac{373}{375}$

$$125\frac{11}{125} = 125 + \frac{11}{125} = 125 + \frac{22}{250} = 125 + \frac{44}{500} = 125 + \frac{11}{125}$$

$$25\frac{7}{75} = 25 + \frac{7}{75} = 25 + \frac{14}{150} = 25 + \frac{28}{300} = 25 + \frac{14}{150}$$

$$125\frac{11}{125} - 25\frac{7}{75} = 100 + \frac{11}{125} - \frac{14}{150} = 100 + \frac{22}{250} - \frac{14}{150} = 100 + \frac{44}{500} - \frac{14}{150} = 100 + \frac{44}{500} - \frac{46}{375} = 100 + \frac{44}{375} - \frac{46}{375} = 100 - \frac{2}{375} = 99\frac{373}{375}$$

29. The least number of five digits which is a multiple of 319 is

- (A) 10,111
- (B) 10,208
- (C) 10,319
- (D) 10,357

$$319 \overline{) 10000} \begin{array}{r} 30 \\ \underline{957} \\ 430 \\ \underline{319} \\ 111 \end{array}$$

30. A man purchased an article. He then sold the article with Rs. 96 and made a profit. If the percentage of profit is as much as cost price, Cost price of the article is

- (A) Rs. 60
- (B) Rs. 50
- (C) Rs. 40
- (D) Rs. 30

31. A man drew Rs. 590 from a bank. He got 5 rupees notes and 10 rupees notes. Total number of notes was 70. Number of 10 rupees notes was

- (A) 40
(B) 44
(C) 48
(D) 52

32. If $A:B = B:C = C:D = 2:3$ then $A : B : C : D$ is

(A) 6 : 9 : 12 : 18

$$A : B = 2 : 3$$

~~(B) 8 : 12 : 18 : 27~~

$$B : C = 2 : 3$$

$$C : D = 2 : 3$$

(C) 10 : 15 : 16 : 24

(D) 12 : 18 : 27 : 36

$$A : B = 2 : 3 = 4 : 6$$

$$B : C = 2 : 3 = 6 : 9$$

33. Greatest of $(0.2)^2$, $\frac{1}{100}$, $(0.01)^{\frac{1}{2}}$, $(0.008)^{\frac{1}{3}}$ is

(A) $(0.2)^2$

(B) $(0.008)^{\frac{1}{3}}$

(C) $(0.01)^{\frac{1}{2}}$

(D) $\frac{1}{100}$

$$A : B : C = 4 : 6 : 9$$

$$A : B = 4 : 6 = 8 : 12$$

$$B : C = 6 : 9 = 12 : 18$$

$$C : D = 2 : 3 = 18 : 27$$

$$8 : 12 : 18 : 27$$

34. If the average of first 21 natural numbers is 11, average of first 20 natural numbers will be

(A) 9

(B) 9.5

(C) 10

~~(D) 10.5~~

35. In an examination pass mark is 30%. A student gets 240 marks and comes to know that he would have been passed if he got 30 marks more. Full marks in the examination was

(A) 600

(B) 800

~~(C) 900~~

(D) 100

$$30\% = 270$$

$$= 100\% = \frac{270}{30} \times 100$$

36. If the ratio of principal and amount after 5 years be 4:5, rate of interest per annum will be

(A) 4%

(B) 5%

(C) 6%

(D) 8%

$$4P \rightarrow 5P$$

$$\therefore 100 \rightarrow \frac{P}{4P} \times 100$$

37. Out of 11 numbers average of first 6 numbers is 8.5 and the average of last six numbers is 6.5 . If the average of 11 numbers is 8, the sixth number is

(A) 1

~~(B) 2~~

(C) 3

(D) 4

$$\begin{array}{r} 8.5 \\ \times 6 \\ \hline 51.0 \end{array}$$

$$\begin{array}{r} 6.5 \\ \times 6 \\ \hline 39.0 \end{array}$$

$$\begin{array}{r} 88 \\ \times 2 \\ \hline 176 \end{array}$$

38. Average of five consecutive Odd numbers is 15. The least number is

- (A) 11
- (B) 13
- (C) 15
- (D) 17

39. Sum of money which amounts Rs. 13,310 for 3 years at the rate of 10% compound interest is

- (A) Rs. 9,000
- (B) Rs. 9,500
- (C) Rs. 10,000
- (D) Rs. 10,500

40. In a mixture ratio of first and second liquid is 2:3 and in another mixture ratio of those two liquids is 5:4 . Ratio in which the two mixtures be mixed so that quantity of two liquids in the new mixture be equal is

- (A) 2 : 5
- (B) 3 : 7
- (C) 5 : 9
- (D) 9 : 11

41. A man worked for 4 days, a woman for 6 days and a boy for 5 days to finish a certain work and they received altogether Rs. 660 as their wages. If their daily work be in the

proportion $\frac{1}{3} : \frac{1}{4} : \frac{1}{6}$ wages received by the

boy was $\frac{1}{3} \times 4$ $\frac{1}{6} \times 5$

- (A) Rs. 100
- (B) Rs. 120
- (C) Rs. 135
- (D) Rs. 150

$$\frac{1}{4} \times 6$$

$$\frac{1}{3} + \frac{1}{4} + \frac{1}{6}$$

$$= \frac{4+3+2}{12}$$

$$660 \times \frac{1}{12}$$

$$\frac{4}{3} : \frac{6}{4} : \frac{5}{6}$$

$$= \frac{16 : 18 : 10}{12}$$

42. A starts a business at the beginning of the year with a capital Rs. 9,000. After 3 months B joined the business with a capital Rs. 12,000. If the profit at the end of 2 years be Rs. 9620 difference between the profit of A and B is

- (A) Rs. 740
- (B) Rs. 750
- (C) Rs. 760
- (D) Rs. 770

43. A clock takes 3 seconds to strike the hour of 3 O'clock. To strike 9 O'clock it will take

- (A) 3 secs
- (B) 6 secs
- (C) 9 secs
- (D) 12 secs

$$\frac{9000 \times 12}{12,000 \times 9} = \frac{12000 \times 9}{9620}$$

$$\frac{9000 \times 12}{12,000 \times 9} = \frac{108,000}{108,000} \cdot 1$$

$$\frac{9000 \times 24}{12,000 \times 21} = 6.17$$

44. A cup contains 3 parts of milk and 1 part of water. Some part of the mixture is drawn off and water substituted so that the resulting mixture turned into half milk and half water. Part of the mixture drawn off was

- (A) $\frac{1}{4}$
- (B) $\frac{1}{3}$
- (C) $\frac{1}{2}$
- (D) $\frac{2}{3}$

45. A car goes from A to B at a speed 36 Km/hr and returns from B to A at a speed 45 Km/hr. Average speed of the car during the whole Journey is

- (A) 40.5 km/hr
- (B) 40 km/hr
- (C) 35 km/hr
- (D) 30 km/hr.

$$\frac{36 + 45}{2}$$

$$\frac{5180}{740} = 70$$

$$\frac{740 \times 6}{13} = 740$$

$$\frac{740 \times 6}{740} = 6$$

46. Successive commissions of 20%, 10% and 5% on an article is equivalent to the Commission

- (A) 31%
- (B) 31.6%
- (C) 32.5%
- (D) 35%

Handwritten calculations for Q46:

$$100 \times \frac{20}{100} = 120$$

$$120 \times \frac{10}{100} = 132$$

$$132 \times \frac{5}{100} = 138.6$$

Final result: 38.6% (circled)

47. Least of $\frac{1}{4}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}$ is

(A) $\frac{2}{5}$ $\frac{\frac{1}{2}}{\frac{1}{4}} = \frac{1}{2} \times 4 = 2$

(B) $\frac{4}{7}$ $\frac{\frac{2}{3}}{\frac{5}{2}} = \frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$

(C) $\frac{3}{5}$ $\frac{\frac{4}{5}}{\frac{7}{4}} = \frac{4}{5} \times \frac{4}{7} = \frac{16}{35}$

(D) $\frac{1}{4}$ $\frac{2}{3}, \frac{1}{4}, \frac{2}{5}$

$\frac{1}{4} \times 20 = 5$ $\frac{1}{5} \times 20 = 4$

48. Arrange in descending order : $2^{60}, 4^{36}, 3^{48}$

- (A) $3^{48} > 4^{36} > 2^{60}$
- (B) $4^{36} > 3^{48} > 2^{60}$
- (C) $4^{36} > 2^{60} > 3^{48}$
- (D) $3^{48} > 2^{60} > 4^{36}$

49. If $A:B = \frac{1}{2} : \frac{1}{3}$ and $B:C = \frac{1}{5} : \frac{1}{3}$, $A+B : B+C$ is

(A) 15:16 $\left(\frac{1}{2} + \frac{1}{3}\right) \left(\frac{1}{5} + \frac{1}{3}\right)$

(B) 15:17

(C) 16:17 $\frac{3+2}{6} : \frac{3+5}{15}$

(D) 16:19 $\frac{5}{6} : \frac{8}{15}$
25 : 16

50. Rs. 2610 is divided among A, B and C such that 0.5 of $A = 0.6$ of $B = 0.75$ of C . C gets

- (A) Rs. 1044
- (B) Rs. 1000
- (C) Rs. 870
- (D) Rs. 696

2

51. Find the largest natural number which exactly divides the product of any 4 consecutive natural numbers

- (A) 36
- (B) 24
- (C) 48
- (D) 32

52. $\frac{\sqrt{0.01 + \sqrt{0.0064}}}{0.01 \times 0.3} = ?$

- (A) 1
- (B) 10
- (C) 1000
- (D) 100

53. $\sqrt{2 + \sqrt{2 + \sqrt{2 + \dots \infty}}} = ?$

- (A) $\sqrt{2}$
- (B) $2\sqrt{2}$
- (C) 2
- (D) $2 + \sqrt{2}$

54. $(243)^{\frac{3}{5}} = ?$

- (A) 27
- (B) 8
- (C) 64
- (D) 125

55. If A's salary is 25% less than that of B, then how many per cent is B's salary more than that of A ?

- (A) $44\frac{1}{4}\%$
- (B) $33\frac{1}{3}\%$
- (C) $22\frac{1}{2}\%$
- (D) $55\frac{1}{5}\%$

56. A train is moving with a speed of 180km/hr. Its speed is

- (A) 50 m/Sec
- (B) 5 m/Sec
- (C) 30 m/Sec
- (D) 40 m/Sec

$$\begin{array}{r} 3600 \text{ --- } 180000 \\ 30050 \\ \hline 180000 \\ \hline 3600 \\ 6 \end{array}$$

57. Ram and Shyam together can finish a job in 8 days. Ram can do the same job on his own in 12 days. How long will Shayam take to do the job by himself ?
- (A) 16 days
(B) 24 days
(C) 20 days
(D) 30 days
58. A circle and a square have the same area. The ratio of the side of the square and the radius of the circle is
- (A) $1:\sqrt{\pi}$
(B) $\pi:1$
(C) $1:\pi$
(D) $\sqrt{\pi}:1$
59. Three numbers are in the ratio 3:4:5 . The sum of the largest and the smallest equals the sum of the third and 52 . The smallest number is
- (A) 20
(B) 27
(C) 39
(D) 52
60. If $ab = 36$, then which of the following is correct ?
- (A) $a:9 = 4:b$
(B) $9:a = 4:b$
(C) $a:18 = b:3$
(D) $a:6 = b:6$
61. A TV and a VCR together cost Rs. 35000. If TV is $1\frac{1}{2}$ times costlier than VCR, find the cost of VCR.
- (A) Rs. 13000
(B) Rs. 14000
(C) 15000
(D) 16000
62. 280 oranges are divided among 50 girls and boys so that each boy gets 5 oranges and each girl gets 7 oranges. How many girls are there ?
- (A) 14 girls
(B) 15 girls
(C) 16 girls
(D) 17 girls

63. If $\frac{4}{5}$ of an estate be worth Rs. 16800, then

what is the value of $\frac{3}{7}$ of the estate ?

(A) Rs. 6000

(B) Rs. 7000

(C) Rs. 8000

(D) Rs. 9000

64. $254 \times ? \times 8 = 95504$

(A) 47

(B) 49

(C) 51

(D) 53

65. The H.C.F. of three numbers is 12. If they are in the ratio 1:2:3, then the numbers are

(A) 6, 12, 18

(B) 10, 20, 30

(C) 12, 24, 36

(D) 24, 48, 72

66. If two numbers are in the ratio 5:7 and their L.C.M. is 315, then their product is

(A) 2358

(B) 2385

(C) 2538

(D) 2835

67. The product of two Co-primes is 117. Their L.C.M. should be

(A) 1

(B) 117

(C) equal to their H.C.F.

(D) Cannot be calculated

68. The number $(6n^2 + 6n)$ for natural number n is always divisible by

(A) 6 only

(B) 12 only

(C) 6 and 12

(D) 18 only

69. If three-fifths of 60% of a number is 36, the number is
- (A) 100
(B) 80
(C) 75
(D) 90
70. The sum and product of two numbers are 12 and 35 respectively. The sum of their reciprocals is
- (A) $\frac{12}{35}$
(B) $\frac{1}{35}$
(C) $\frac{35}{8}$
(D) $\frac{7}{32}$
71. A period of 4 hrs. 30 min. is what percent of a day ?
- (A) 20%
(B) $16\frac{2}{3}\%$
(C) 19%
(D) $18\frac{3}{4}\%$
72. What percent is 150 ml of 3.5 litres ?
- (A) $3\frac{2}{7}\%$
(B) $4\frac{2}{7}\%$
(C) $5\frac{2}{7}\%$
(D) $6\frac{2}{7}\%$
73. Ram's age after 15 years will be 5 times his age 5 years back. What is the present age of Ram ?
- (A) 10 years
(B) 5 years
(C) 15 years
(D) 20 years
74. X is 36 years old and Y is 16 years. In how many years will X be twice as old as Y ?
- (A) 4 years
(B) 3 years
(C) 2 years
(D) 1 year

75. Ajay is as much younger to Vijay as he is older to Tarun. If the total of the ages of Vijay and Tarun 48 years, how old is Ajay.
- (A) 23 years
(B) 21 years
(C) 24 years
(D) 18 years
76. A number is as much greater than 31 as is less than 55. The number is :
- (A) 47
(B) 52
(C) 39
(D) 43
77. If the product of three consecutive integers is 120, then the sum of the integers is :
- (A) 9
(B) 15
(C) 12
(D) 14
78. If the product of two numbers is 5 and one of the numbers is $\frac{3}{2}$, then the sum of the two numbers is
- (A) $4\frac{5}{6}$
(B) $4\frac{2}{3}$
(C) $4\frac{1}{3}$
(D) $6\frac{1}{2}$
79. The average of two numbers is xy . If one number is x , the other number is
- (A) $\frac{y}{2}$
(B) y
(C) $(2xy - x)$
(D) $x(y-1)$

80. The mean of five numbers is 18. If one number is excluded, their mean is 16. The excluded number is
- (A) 25
(B) 26
(C) 27
(D) 30
81. a, b, c, d, e are five consecutive odd numbers. Their average is
- (A) $5(a+4)$
(B) $\frac{abcde}{5}$
(C) $5(a+b+c+d+e)$
(D) None of the above
82. If $16a+16b = 48$, What is the average of a and b ?
- (A) 1.5
(B) 2.5
(C) 3
(D) None of the above
83. The smallest number of 4 digits, which is a perfect square, is
- (A) 1000
(B) 1016
(C) 1024
(D) 1036
84. The value of $\sqrt{5+\sqrt{11+\sqrt{19\sqrt{29+\sqrt{49}}}}}$ is
- (A) 5
(B) 7
(C) 3
(D) 9
85. The length of diagonal of a square is 8 cm. The length of the side of the square is
- (A) 2.8 cm
(B) 1.414 cm
(C) 2 CM
(D) 5.64 cm

86. $\sqrt{\sqrt{2500} + \sqrt{961}} = (?)^2$

- (A) 81
(B) 3
(C) 6561
(D) 9

87. $\frac{6}{50} = \frac{\sqrt{?}}{200}$

- (A) 8
(B) 576
(C) 49
(D) 24

88. Akbar weighs 15 kg more than Rahim. Their combined weight is 135 Kg. How much does Rahim weigh ?

- (A) 60 Kg
(B) 75 Kg
(C) 80 Kg
(D) None of the above

89. $\left(1 - \frac{1}{2}\right)\left(1 - \frac{1}{3}\right)\left(1 - \frac{1}{4}\right) \dots \left(1 - \frac{1}{n}\right) = ?$

- (A) $\frac{1}{n-1}$
(B) $\frac{n}{n-1}$
(C) $\frac{1}{n}$

(D) None of the above

90. $1 - \left[1 - \left\{1 - \left(1 - \overline{1-1}\right)\right\}\right] = ?$

- (A) 1
(B) 2
(C) 3
(D) 0

91. If $\frac{1}{x} : \frac{1}{y} : \frac{1}{z} = 2 : 3 : 5$, then $x:y:z = ?$

- (A) 2:3:5
(B) 15:10:6
(C) 5:3:2
(D) 6:10:15

92. If $\frac{x}{5} = \frac{y}{8}$, then $(x+5) : (y+8) = ?$
- (A) 3:5
(B) 13:8
(C) 8:5
(D) 5:8
93. If $a:b = b:c$, then $a^4:b^4 = ?$
- (A) $b^2:ac$
(B) $a^2:c^2$
(C) $c^2:a^2$
(D) $ac:b^2$
94. If $a:b = c:d = e:f = 1:2$, then $(3a+5c+7e) : (3b+5d+7f) = ?$
- (A) 1:2
(B) 1:4
(C) 2:1
(D) 8:7
95. If $A : B : C = 2 : 3 : 4$, then $\frac{A}{B} : \frac{B}{C} : \frac{C}{A} = ?$
- (A) 8 : 9 : 16
(B) 8 : 9 : 12
(C) 8 : 9 : 24
(D) 4 : 9 : 16
96. Bananas are bought at 3 for Rs. 2 and sold at 2 for Rs. 3. Find the gain percent.
- (A) 110%
(B) 115%
(C) 120%
(D) 125%
97. If an article is sold at a gain of 5% instead of being sold at a loss of 5%, one gets Rs. 5 more. What is the cost price of the article ?
- (A) Rs. 50
(B) Rs. 110
(C) Rs. 105
(D) Rs. 100

98. A sold a watch to B at 20% gain and B sold it to C at a loss of 10% . If C bought the watch for Rs. 216, at what price did A purchase it ?

- (A) Rs. 216
- (B) Rs. 200
- (C) Rs. 250
- (D) Rs. 176

99. The price of petrol is increased by 25% . By how much percent a car owner should reduce his consumption of petrol so that the expenditure on petrol would not be increased?

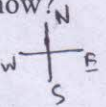
- (A) 25%
- (B) 50%
- (C) 20%
- (D) 30%

100. In an examination, 65% of the total examinees passed. If the number of failures is 420, the total number of examinees is :

- (A) 567
- (B) 693
- (C) 1200
- (D) 1000

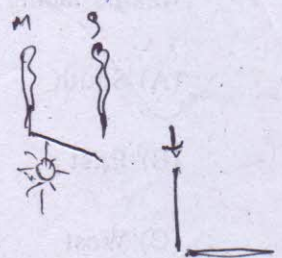
101. Anuj started walking positioning his back towards the sun. After sometime, he turned left, then turned right and then towards the left again. In which direction is he going now?

- (A) North or South
- (B) East or West
- (C) North or West
- (D) South or West



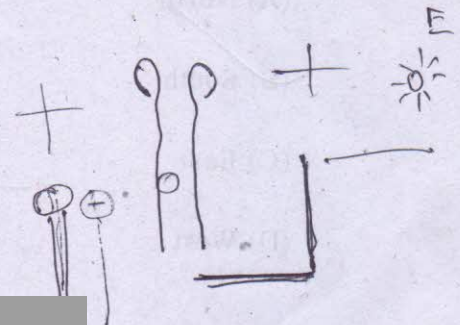
102. One evening before sunset two friends Sumit and Mohit were talking to each other face to face. If Mohit's shadow was exactly to his right side, which direction was Sumit facing

- (A) North
- (B) South
- (C) West
- (D) None of the above



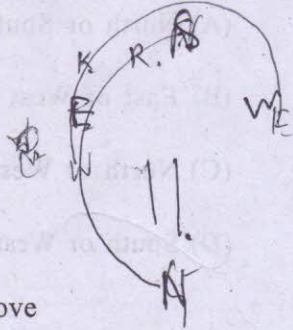
103. One morning after sunrise, Vikram and Shailesh were standing in a lawn with their backs towards each other. Vikram's shadow fell exactly towards left hand side. Which direction was Shailesh facing?

- (A) East
- (B) West
- (C) North
- (D) South



104. One morning after sunrise, Reeta and Kavita were talking to each other face to face at Tilak Square. If Kavita's shadow was exactly to the right of Reeta, which direction Kavita was facing ?

- (A) North
- (B) South
- (C) East
- (D) None of the above



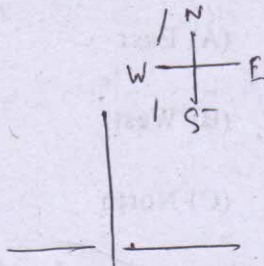
105. One morning after sunrise, Gopal was standing facing a pole. The shadow of the pole fell exactly to his right. Which direction was he facing ?

- (A) South
- (B) East
- (C) West
- (D) None of the above



106. A man is performing yoga with his head down and legs up. His face is towards the West. In which direction will his left hand be ?

- (A) North
- (B) South
- (C) East
- (D) West



107. To arrive at the answers to the above questions, which of the following statements can be dispensed with ?

- (A) None
- (B) (i) only
- (C) (ii) only
- (D) (iii) only

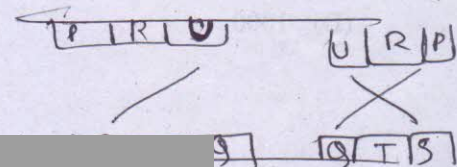
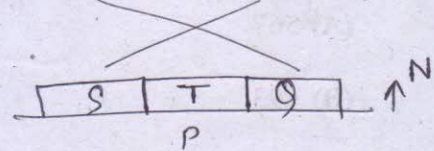
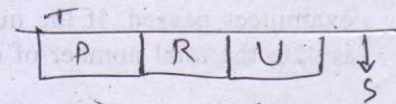
108. The flats of which of the other pairs than SU, are diagonally opposite to each other ?

- (A) QP
- (B) QR
- (C) PT
- (D) None of the above

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109. If the flats of T and P are interchanged, whose flat will be next to that of U ?

- (A) P
- (B) Q
- (C) R
- (D) T



110. Whose flat is between Q and S ?

(A) T

(B) U

(C) R

(D) P

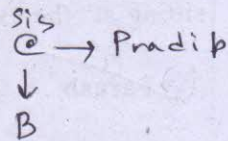
111. Pradip goes on a picnic trip and meets a boy B. B is the son of C and C is the sister of Pradip. How is Pradip related to B ?

(A) maternal uncle

(B) nephew

(C) uncle

(D) brother



112. The missing alphabet in the series

q ~~rs~~ ~~st~~ ~~qr~~ ~~st~~ ~~qr~~ ~~st~~ is

(A) str

(B) rts q rst q rst q rst

(C) rst

(D) srt

113. Identify the missing number in the series

fe, gd, hc, ib, ja

(A) ja

(B) aj

(C) uv

(D) vu

114. The missing alphabet in the series

a z bycx is

(A) W

(B) Y

(C) Z

(D) U

115. If clouds is to black, black is to rain, is to pink, pink is to air, air is lavender, where do birds fly in?

rain

(A) Pink

(B) Lavender

(C) Rain

(D) Clouds

116. The missing alphabet in the series

a ^c abaca ^b ac ^a b is

- (A) cba
- (B) bca
- (C) bac
- (D) cab

117. Propositions : Gunen is a teacher

Teachers are gentle

Conclusion : So Gunen is gentle

- Options :
- (A) Inference is true
 - (B) Inference is false
 - (C) Inference is probably true
 - (D) Inference is irrelevant

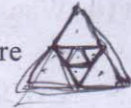
118. Propositions : All sweepers carry broom.

All brooms are long.

Conclusion : So all sweepers carry long brooms.

- Options :
- (A) Inference is true
 - (B) Inference is false
 - (C) Inference is probably true
 - (D) Inference is neither true nor false

119. The number of triangles in the figure



is

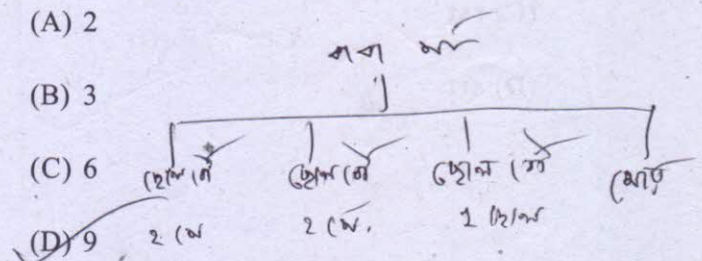
- (A) 9
- (B) 8
- (C) 10
- (D) 6

120. Five boys are sitting in a row. Kalol is sitting between Piyush and Paresh, while Gogol is sitting between Roni and Piyush. Who is sitting at the extreme right of Gogol ?

- Options :
- (A) Paresh
 - (B) Kalol
 - (C) Piyush *Roni go, Piyush ka Paresh*
 - (D) Roni

121. In a joint family, there are father, mother, 3 married sons and one unmarried daughter. Of the sons, two have 2 daughters each, and one has a son. How many members are there in the family ?

- (A) 2
- (B) 3
- (C) 6
- (D) 9



122. Statement : A teacher has important challenge

Conclusions :

- (A) to maintain discipline in the class
- (B) to make students do their homework
- (C) to prepare question papers
- (D) to make teaching-learning process enjoyable

123. The negation of the following statement :-

'All dogs bark' is -

- (A) There exists a dog which does not bark
- (B) If there is a dog, then it does bark
- (C) It is necessary to have all dogs bark
- (D) Those are not dogs who bark

124. Statements : Sutapa is a dancer. Dancers are young ladies.

Conclusions :

- (A) All young ladies are dancers
- (B) All dancers are young ladies
- (C) Sutapa is not young and hence not a dancer
- (D) Sutapa is a young lady dancer

125. Statements : Nurses serve their patients

Conclusions :

- (A) Those who serve their patients are nurses
- (B) Women generally serve their patients
- (C) Some women who are nurses serve their patients
- (D) Those who serve their patients are doctors

126. Statements : Winter months are cold.
December is a winter month.

- Conclusions : I. December is cold
II. December may be cold.

- Options (A) Only I follows
(B) Only II follows
(C) Both I and II follows
(D) Neither I nor II follows

127. Propositions : I watch T.V. only if I feel lonely

I never feel lonely when I have my friend's company

Conclusions (A) If I feel lonely, I seek my friend's company

(B) If I never feel lonely, I watch T.V.

(C) If I do not feel lonely, I do not watch T.V.

(D) If I am not with my friend's company, then I watch T.V.

128. Which of the conclusion follows from the statement ?

Statement : Every library has books

conclusions: (A) Books are only in Library

(B) Libraries are meant for books only

(C) No Library is without books

(D) Some Libraries have books

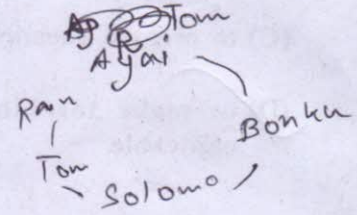
129. Five boys are so standing that they form a circle. Rahim is between Ajoy and Tom. Solomon is to the left of Banku and Ajoy is to the left of Solomon. Who is the right of Rahim ?

(A) Ajoy

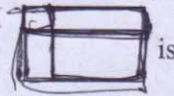
(B) Banku

(C) Tom

(D) Solomon



130. The number of rectangles in the figure



(A) 10

(B) 8

(C) 9

(D) 7

131. Which of the following combinations get South facing flats ?

(A) QTS

(B) UPT

(C) URP

(D) None of the above

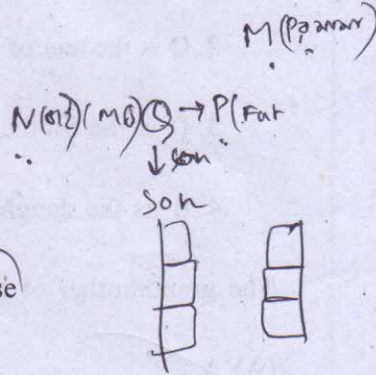
132. P is father of Q's son. M is the paternal uncle of P and N is the brother of Q. How N is related to M ?

(A) Brother

(B) Nephew

(C) Cousin

(D) None of these



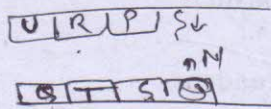
Direction (Questions 190 to 194) : Read the following information carefully and answer the questions given below it :

(i) Six flats on a floor in two rows facing North and South are allotted to P, Q, R, S, T and U.

(ii) Q gets a North facing flat and is not next to S

(iii) S and U get diagonally opposite flats.

(iv) R, next to U, get a South facing flat and T gets a North facing flat.



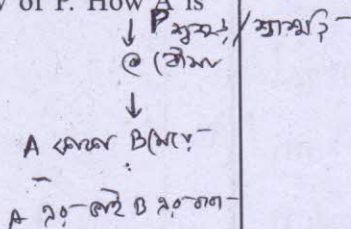
133. A is the uncle of B, who is the daughter of C and C is the daughter-in-law of P. How A is related to P ?

(A) Brother

(B) Son

(C) Son-in-law

(D) None of the above



134. (i) F is the brother of A,

(ii) C is the daughter of A,

(iii) K is the sister of F,

(iv) G is the brother of C

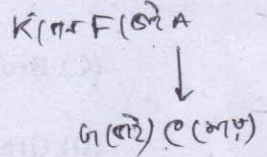
Who is the uncle of G ?

(A) A

(B) C

(C) F

(D) K



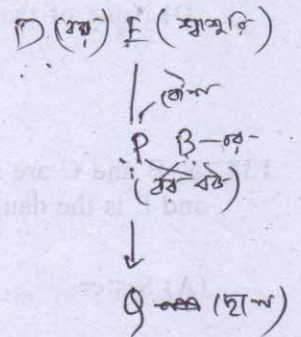
135. B is the husband of P. Q is the only grandson of E, who is wife of D and mother-in-law of P. How is B related to D ?

(A) Nephew

(B) Cousin

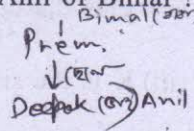
(C) Son-in-law

(D) Son



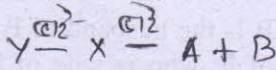
136. Deepak has a brother Anil, Deepak is the son of Prem. Bimal is Prem's father. In respect of relationship, what is Anil of Bimal?

- (A) Son
- (B) Grandson
- (C) Brother
- (D) Grandfather



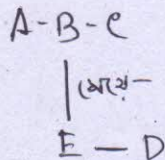
137. A and B are married couple. X and Y are brothers. X is the brother of A. How is Y to B?

- (A) Brother-in-law
- (B) Brother
- (C) Cousin
- (D) None of the above



138. A, B and C are sisters. D is the brother of E and E is the daughter of B. How is A to D?

- (A) Sister
- (B) Cousin
- (C) Niece
- (D) Aunt

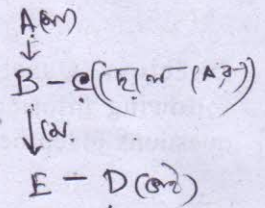


139. Given that -

1. A is the mother of B
2. C is the son of A
3. D is the brother of E
4. E is the daughter of B

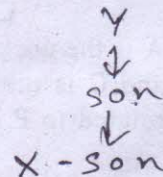
The grandmother of D is -

- (A) A
- (B) B
- (C) C
- (D) E



140. If X is brother of son of Y's son, then how is X related to Y?

- (A) Brother
- (B) Cousin
- (C) Grandson
- (D) Son



141. Five girls are sitting in a row. Ela is sitting between Alia and Camelia. Bijita is sitting between Camelia and Malini. Who is sitting in the middle ?

(A) Alia

(B) Bijita

(C) Camelia

(D) Malini

Alia Ela camelia Bijita Malini

142. P is the sister of Q. Q is the wife of R. R and S are brothers. What is P to R ?

(A) Sister-in-law

(B) Nephew

(C) Aunty

(D) Mother

P-Q + R-S

143. Zahid goes to a party hosted by his brother Aman. Aman has a daughter Saira. Saira is dancing with her brother Salman. What is Salman to Zahid ?

(A) Uncle

(B) Nephew

(C) Father

(D) Brother-in-law

Zaid ⊕ Aman
↓

Saina - Salman

144. If Hockey : India, then Baseball : ?

(A) Canada

(B) Mexico

(C) England

(D) America

145. If Kangaroo : Australia, then Eagle : ?

(A) Belgium

(B) Denmark

(C) Germany

(D) France

146. Chhou : Bihu : Bhangra : ?

(A) Gorba

(B) Kathakali

(C) Bharatnatyam

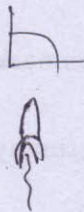
(D) Manipuri

147. Euro : Dollar : Yen : ?

- (A) Paisa
 (B) Note
 (C) Dinar
 (D) Currency

148. Choose the odd pair

- (A) Farmer-Field
 (B) Angle-Radian
 (C) Rocket-Fuel
 (D) Book-Copy



149. Choose the odd pair

- (A) Doctors-Epidemics
 (B) Reformers-Social Evils
 (C) Teachers-Education
 (D) Lawyers-Justice

150. Choose the odd pair

- (A) Mason-Wall
 (B) Choreographer-Ballet
 (C) Chef-cook
 (D) Cobbler-shoe

151. Choose the odd pair

- (A) Daring-Timid
 (B) Clear-Vague
 (C) Native-Alien
 (D) Beautiful-Pretty

152. Find the odd one from the rest

- (A) Byron
 (B) Bacon
 (C) Shelly
 (D) Keats

153. If Number : Mathematics, then Notes : ?

- (A) Currency
 (B) Language
 (C) Music
 (D) Doctor

154. If Heart : Blood, then Lung : ?

- (A) Breathing
 (B) Air
 (C) Bones
 (D) Purification

155. If Taunts : Unpleasantness, then Humour : ?

- (A) Wit
- (B) Friendship
- (C) Right
- (D) Quarrel

156. If Methane : Marsh Gas, then Grapes : ?

- (A) Nitric Acid
- (B) Citric Acid
- (C) Hydrochloric Acid
- (D) Acetic Acid

157. If Petrol : car, then Amonia Gas : ?

- (A) Bus
- (B) Aeroplane
- (C) Refrigerator
- (D) Helicopter

158. If Bat : cricket, then Modem : ?

- (A) Type writer
- (B) Computer
- (C) Baseball
- (D) Chess

159. If Manipuri is related to Dance, then Urdu is related by

- (A) Muslims
- (B) Drama
- (C) Poetry
- (D) Language

160. If Book is to publisher, then Film is to

- (A) Writer
- (B) Editor
- (C) Director
- (D) Producer

161. Choose the pair, which is different from the rest

- (A) (3, 10)
- (B) (4, 17)
- (C) (5, 27)
- (D) (2, 5)

$$\begin{array}{r} 10 \\ - 3 \\ \hline 7 \end{array} \quad \begin{array}{r} 17 \\ - 4 \\ \hline 13 \end{array} \quad \begin{array}{r} 27 \\ - 5 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 5 \\ - 2 \\ \hline 3 \end{array}$$

162. The missing term in the following series 0, ____, 8, 27, 64, 125, is

(A) 2

(B) 1

(C) -1

(D) 0

163. The missing term in the following series 1, 5, 11, 19, 29, ____, 55 is

(A) 41

(B) 31

(C) 40

(D) 51

$$\begin{array}{cccc} \frac{11}{5} & - & \frac{19}{8} & + & \frac{29}{10} & + & \frac{29}{10} \\ \frac{11}{6} & - & \frac{11}{8} & + & \frac{19}{10} & + & \frac{12}{10} \\ & & & & \frac{41}{10} & & \end{array}$$

164. The 6th term in the following series $ab^2+bc^2+cd^2+\dots$, is

(A) ef^2

(B) fe^2

(C) fg^2

(D) gf^2

$$R - g^2$$

165. The missing number in the following series 2, 3, 5, 7, ____, 13, 17, is

(A) 9

(B) 11

(C) 8

(D) 10

$$\begin{array}{ccccccc} 2 & 3 & 5 & 7 & 9 & 13 & 17 \\ +1 & +2 & +2 & +2 & +2 & +4 & +4 \\ \hline 3 & 5 & 7 & 9 & 11 & 13 & 17 \\ \hline \frac{3}{1} & - & \frac{5}{2} & \frac{7}{2} & \frac{11}{4} & \frac{13}{2} & \frac{17}{2} \end{array}$$

166. In a certain code language '1 2 3' means 'very beautiful lady', '3 5 6' 'fair young lady' and '5 8 3' means 'young bright lady'. The numeral stand for 'bright' is

(A) 8

(B) 6

(C) 1

(D) 3

very	Beautiful	Lady	1 2 3
fair	young	lady	3 5 6
young	Bright	lady	5 8 3
5	8	3	

167. If $a \oplus b = \text{l.c.m of } a \text{ and } b$, $a \otimes b = \text{g.c.m of } a \text{ and } b$, then $(12 \otimes 16) \oplus (24 \otimes 36)$ will be

(A) 11

(B) 10

(C) 14

(D) 12

168. The missing number in the following series 6, 5, 11, 16, 27, _____, 70, 113, is

- (A) 41
- (B) 42
- (C) 43
- (D) 53

$$-1 + 6 + 5 + 11$$

$$\begin{array}{r} 27 \\ 16 \\ \hline 43 \end{array}$$

169. The missing number in the following series 13, 16, 22, 34, _____, 106, 202, is

- (A) 50
- (B) 58
- (C) 66
- (D) 72

$$\begin{array}{r} 34 \\ 24 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 58 \\ 48 \\ \hline 106 \\ 96 \\ \hline 202 \end{array}$$

170. If $a * b = b^a + 1$, then $2 * 3$ will be

- (A) 10
- (B) 9
- (C) 8
- (D) 0

171. Find the odd pair out

- (A) Mercury : Sun
- (B) Moon : Earth
- (C) Wheel : Axle
- (D) Star : Planet

172. Find the odd one from the rest

- (A) Touch
- (B) See
- (C) Hear
- (D) Eat

173. Find the odd one from the rest

- (A) Crow
- (B) Sparrow
- (C) Crane
- (D) Nightingale

174. Find the odd one from the rest

- (A) Conscience
- (B) Morality
- (C) Conduct
- (D) Weight

175. Find the odd one from the rest

- (A) Srilanka
- (B) Japan
- (C) Maldives
- (D) Tibet



B A C O N
2 2 3 1 5 2 4

4 2 1 8 9 1 4 7
D A R I N G

CDW-(C)10/15

D-32

176. Find the odd one from the rest

- (A) Sledge
- (B) Rickshaw
- (C) Tanga
- (D) Cart

G I R L
H J S M

177. BACON is coded as 2131514 , hence DARING is coded as

- (A) 4116947
- (B) 41619147
- (C) 419146
- (D) 41189147

B O Y
Z P e

178. If BOY is coded as ZPC, then GIRL is coded as

- (A) HJSM
- (B) HJMS
- (C) MSJH
- (D) MSHJ

179. If Byron is 74, then Shelly is

- (A) 81
- (B) 80
- (C) 78
- (D) 79

7 9 6 5
2 2 5 1 8 1 5 1 4
? B Y R O N
9 2

180. MASON is as NBTPO, then WORLD is coded as

- (A) XPSME
- (B) XBSME
- (C) YQSME
- (D) EMSPX

X P S M E

1 2 3 4 5

181. If KEATS is coded as 12345 , then TEASE is coded as

- (A) 22435
- (B) 43522
- (C) 24352
- (D) 42352

4 2 3 5 2
T E A S E

182. JORDAN is coded as SOCIAL, hence LIASON is coded as

- (A) LIASOL
- (B) LIAJON
- (C) NDAJOL
- (D) NAAJOL

J O R D O N
S O C I A L

B Y R O N

A B C D E F G H I J K L M ~~N~~
 P Q R S T U V W X Y Z
 26 25 24 23 22 21 20 19 18 17 16 15 14

183. Identify the missing term in the following series sre, rpb, qny, plv, _____

(A) ojt

(B) ojs

(C) osj

(D) otj

OJS

184. Identify the missing term in the following series bwt, cyw, _____, ecc, fef

(A) daz

(B) dxu

(C) dee

(D) dfd

daz

185. If $A \cap B$ is coded as 1 2 3, $C \cap A$ is 4 2 1, then

\cap is coded as

(A) 2

(B) 1

(C) 4

(D) None of the above

1 2 3
 A ∩ B
 4 2 1
 C ∩ A

186. If INDIA is coded as 914491, then JAPAN is coded as

(A) 100111

(B) 1011411

(C) 10116119

(D) 10116114

9 14 4 9 1
 I N D I A
 10 1 16 1 14
 J A P A N

187. The missing term in the following series

$$\frac{13}{22} \quad \frac{17}{26} \quad \frac{33}{42} \quad \frac{62}{71} \quad \frac{80}{?}$$

(A) 29

(B) 82

(C) 89

(D) 99

188. The next term of the following series

$$\frac{a}{b} \times 2, \frac{c}{d} \times 5, \frac{e}{f} \times 10, \frac{g}{h} \times 17, \text{ is}$$

(A) $\frac{i}{j} \times 19$

(B) $\frac{i}{j} \times 26$

(C) $\frac{i}{j} \times 24$

(D) $\frac{i}{j} \times 25$

$\frac{i}{j} \times 19$
 $\frac{i}{j} \times 19$

189. The 7th term of the following series

$$\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{5} \text{ is } \frac{5}{6}, \frac{6}{7}, \frac{7}{8}$$

(A) $\frac{7}{8}$

(B) $\frac{8}{9}$

(C) $\frac{5}{7}$

(D) $\frac{6}{7}$

190. Choose the pair, which is different from the rest

(A) (7, 48)

(B) (6, 35)

(C) (9, 80)

(D) (5, 26)

191. If squint : eye , then squeeze : ?

(A) Tongue

(B) Cloth

(C) Throat

(D) Hand

192. Choose the odd pair

(A) Crime – Punishment

(B) Judgement – Advocacy

(C) Enterprise – Success

(D) Exercise – Health

193. Find the odd one from the rest

(A) Etiquette

(B) Manners

(C) Courtesy

(D) Kindness

194. Find the odd one from the rest

(A) Strawberry

(B) Blackberry

(C) Gooseberry

(D) Beriberi

195. Find the odd one from the rest

(A) Kitten

(B) Calf

(C) Foal

(D) Wolf

196. Find the odd one from the rest

- (A) Algebra
- (B) Arithmetic
- (C) Geometry
- ~~(D) Mathematics~~

197. Find the odd one from the rest

- (A) Japan
- (B) China
- (C) Nepal
- ~~(D) Egypt~~

198. Find the odd one from the rest

- (A) Newton
- (B) Einstein
- (C) Maxwell
- ~~(D) Darwin~~

199. Find the odd one from the rest

- (A) Willow
- (B) Fir
- (C) Pine
- ~~(D) Lily~~

200. Find the odd one from the rest

- ~~(A) Reader's Digest~~
- (B) The Times of India
- (C) The Hindu
- (D) The Telegraph

Space for Rough Work

