SSC MTS 13th August 2019 Shift-1
English

Instructions

For the following questions answer them individually

Question 1

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.
The new traffic signals is not clear visible from a distance

A   are not clearly

B   is not clearly

C   are not clear

D   No improvement

   Answer: A

Question 2

Select the most appropriate word for the given group of words.
A large bundle boundfor storage or transport

A   Bale

B   Bevy

C   Barrel

D   Bunch

   Answer: A

Question 3

Select the most appropriate synonym of the given word.
Fundamental

A   Extra

B   Secondary

C   Basic

D   Trivial

   Answer: C

Question 4

Select the correctly spelt word.

A   Essencial

B   Essentail

C   Essential

D Essensial

Answer: C

Select the most appropriate option to substitute the underlined segmentin the given sentence. If there is no need to substitute it, select No improvement.

Question 5

Shakiba is <u>a smallest</u> of the two girls.

A the smaller

B more small

C No improvement

D the small

Answer: A

Question 6

Rashi hasn't eaten <u>everything from</u> yesterday.

A anything since

B No improvement

C nothing along

D something for

Answer: A

Instructions
For the following questions answer them individually

Question 7

Select the most appropriate option tofill in the blank and make a grammatically correct sentence.
The vase broke .... pieces when Simran droppedit.

A into

B from

C in

D among

Answer: A

Question 8

Select the correctly spelt word.

A Scientific

B Scientefic

C Sceintific

D Scienctific

    Answer: A

Question 9

**Select the most appropriate antonym of the word.
Confront**

A Meet

B Oppose

C Encounter

D Avoid

    Answer: D

Question 10

**Select the most appropriate meaning of the given idiom.
Far cry from**

A To be very different from

B To be away from dear ones

C To be sad about past things

D To cry over small things

    Answer: A

Question 11

**Select the most appropriate synonym of the given word.
Detain**

A Allow

B Delay

C Advance

D Permit

    Answer: B

Instructions

Select the most appropriate wordtofill in the blank and make a meaningful sentence.

Question 12

The developmentof real estate has .... impacted the environment.

A   adversely

B   conveniently

C   positively

D   narrowly

   Answer: A

Question 13

Be careful not to drop this glass case; it's very ....

A   fragile

B   smooth

C   rigid

D   hard

   Answer: A

Instructions

For the following questions answer them individually

Question 14

Select the most appropriate meaning of the given idiom.
Cry over spilt milk

A   complain about being forced to drink milk

B   regret about something that happened and cannot be changed

C   cry too muchovera petty issue

D   unnecessarily worry about the future

   Answer: B

Question 15

Identify the segment in the sentence which contains the grammatical error.
They have been living in Boston from ten years.

A   been living

B   They have

C   from ten years

D   in Boston

   Answer: C

Question 16

Select the most appropriate option tofill in the blank and make a grammatically correct sentence.
London is .... European city.

A   the

B   a

C   No article

D   an

  Answer: B

Instructions

Identify the segment in the sentence which contains the grammatical error.

Question 17

Sakshi is as smarter as any other child in the class.

A   in the class

B   any other child

C   Sakshi is

D   as smarter as

  Answer: D

Question 18

Grandmother was knitting a sweater for his grand-daughter.

A   sweater for his

B   grand-daughter

C   Grandmother was

D   knitting a

  Answer: A

Instructions

For the following questions answer them individually

Question 19

Select the most appropriate word for the given group of words.
One who studies the evolution of mankind

A   Dermatologist

B   Anthropologist

C   Sociologist

D Archaeologist

Answer: B

Question 20

Select the most appropriate antonym of the word.
Quell

A Entire

B Deny

C Reduce

D Agitate

Answer: D

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Comprehension:

Rama was a naughty boy(1)........... lived in the village of Tenali. His mother did not (2).......... what to do with him since he (3)......... to study or do any work. One day (4)............ took him to see a Guru. She told the (5).............. man that she wanted him to take Rama under his guardianship.

Question 21

Select the most appropriate option to fill in blank No.1.

A who

B he

C that

D which

Answer: A

Question 22

Select the most appropriate option to fill in blank No.2.

A knowing

B knew

C know

D knows

Answer: C

Question 23

Select the most appropriate option to fill in blank No.3.

A   reminded

B   wished

C   refused

D   denied

   Answer: C

Question 24

Select the most appropriate option to fill in blank No.4.

A   he

B   she

C   her

D   they

   Answer: B

Question 25

Select the most appropriate option to fill in blank No.5.

A   learned

B   lively

C   lonely

D   lazy

   Answer: A

Reasoning

Instructions

For the following questions answer them individually

Question 26

Select the option that is related to the fourth term in the same wayasthe first term is related to the second term.
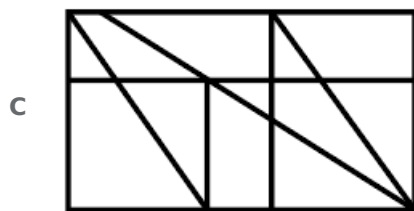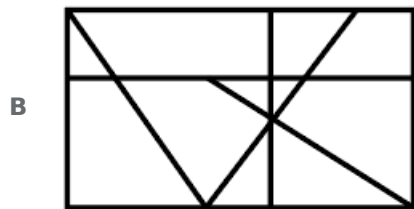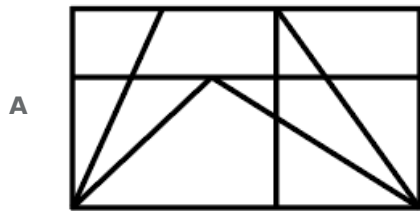**DFIM : CEHL :: ? : KMPT**

A   LNUQ

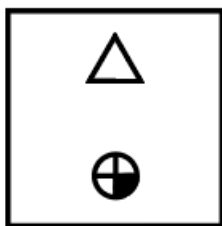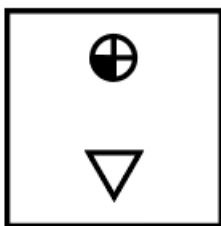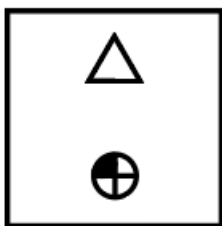**B**   JLOS

C   LNQU

D   UVWL

Question 27

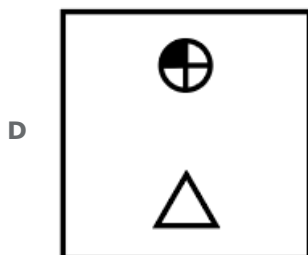Select the option in which the given figure is embedded. (Rotation is not allowed)

A

B

C

D
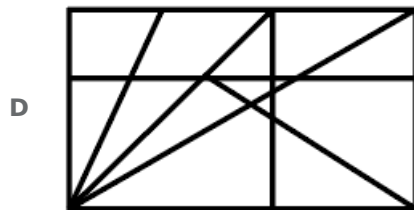
Question 28

Which of the following answer figure completes the series of the question figure?

A

B

C

D
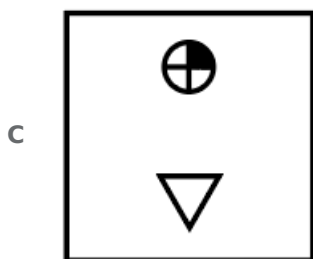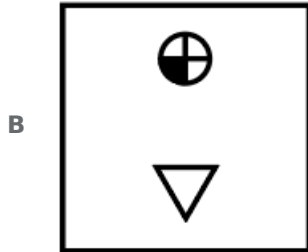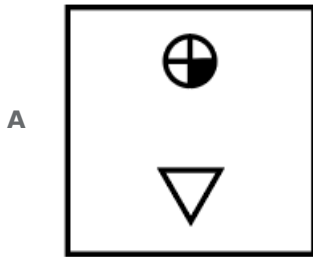
Answer: C

Question 29

In a certain code language, if the word 'CLASSIFY'is coded as 'XOZHHRUB', then how is the word 'MODIFY' coded in that language?

A RUBNLW

B RUBNWL

C NLRUBW

D NLWRUB

Answer: D

Question 30

If in a certain code language 'HACB' is written as '8132', then how will 'DEFA' be written in that language?

A 4651

B 4156

C 4561

D 5641

   Answer: C

Question 31

Choose the option that most closely resembles the mirror image of the given figure when mirror is placed at right side.

A

B

C

D
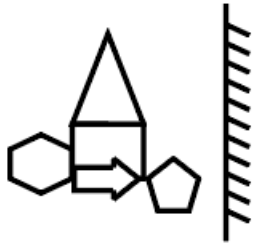
   Answer: A

Question 32

If in a certain code language 'RUN' is written as '202316' and 'PEN' is written as '18716', then how will 'RANSOM' be coded in that language?

A 1841491315

B 18114191315

C 20114131915

D 20316211715

Answer: D

Question 33

Six friends A, B, C, D, E and F are standing in a row facing North. B is exactly in between and D. E is standing exactly in between A and C.A is not a neighbor of D and F. C is not a neighbor of D but immediate right of F. C is standing in between which of the following?

A E and F

B D and F

C E and B

D A and E

Answer: A

Question 34

Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.

A

B

C

D
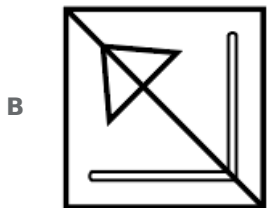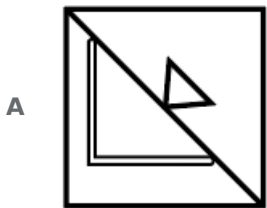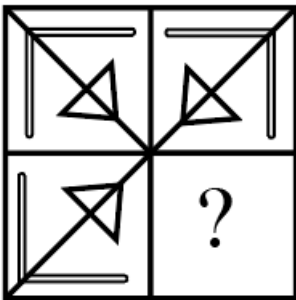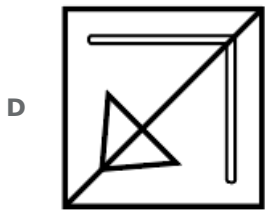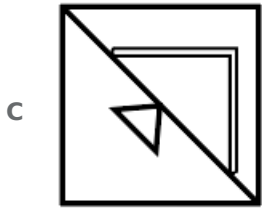
Answer: B

Question 35

Select the number that can replace the question mark (?) in the following series.
423, 407, 439, 391, 455, ?

A   360

B   375

C   420

D   365

Answer: B

Question 36

Select the correct option that will fill in the blank and complete the series.
10, 17, 26, 37, ...

A   50

B   54

C   49

D   52

Answer: A

Question 37

'Furniture' is related to 'Carpenter' in the same wayas 'Garment' is related to '.............'

A   Black smith

B   Tailor

C   Cobbler

D   Butcher

Answer: B

Question 38

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

6   13   51
4   7   29
19   11   ?

A   71

B   16

C   61

D   17

  Answer: A

Question 39

Apiece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.

A

B

C

D
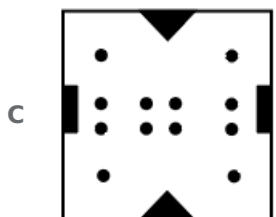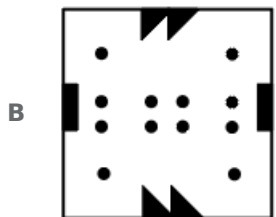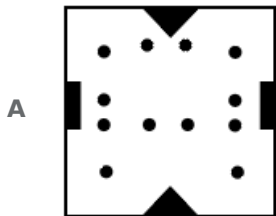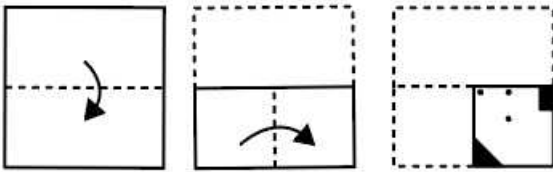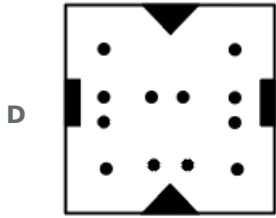
Answer: C

Question 40

Eight boysP, Q,R, S, T, U, V and aresitting in a Circular table.
P and Q aresitting in front of each other.
S is sitting second from the right of P and is sitting secondto the right of Q.
T and W aresitting in front of each other.
R is sitting between P and V.
How many boysaresitting between U and V, When counted from the right of U?

A Four

B Two

C Five

D Three

Answer: B

Question 41

The statements below are followed by two conclusions labelled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s)logically and definitely follow(s) from the information given in the statements.
Statements:
I. Some cups are glasses.
II. No plate is cup as well as glass.
Conclusions:
I. Some cups are plates.
II. All glasses are not plates.

A Only conclusion II follows

B Either conclusion I or conclusion II follows.

C Neither conclusion I nor conclusion II follow.

D Only conclusion I follow

Answer: A

Question 42

If the two signs, ' ÷ and ×' and two numbers'2 and 8' are interchanged, what will be the value of the following equation?
$4 \times 8 \div 2 = ?$

A 15

B   14

C   16

D   8

   Answer: C

Question 43

Comparethe salary of employeesB,R,G, A, and M in relation to each other:
M get moresalary than A and G.
R's salary is less than three persons.
B's salary is the lowest.
Whosesalary is the second lowest?

A   R

B   G

C   A

D   M

   Answer: A

Question 44

Find out the two signsto be interchanged for making following equation correct:
$6 \div 5 + 12 \times 4 - 7 = 26$

A $\div \, and \times$

B $\div \, and -$

C $+ \, and -$

D $+ \, and \times$

   Answer: A

Question 45

Select the set of classes that best represents the given Venn diagram.
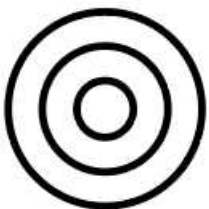
A   Water, River, Dam

B   Asia, India, Pune

C   India, Mumbai, Delhi

D   State, Sea, District

Answer: B

Question 46

'Candle' is related to 'Wick' in the same wayas 'Pen' is related to '...............'

A   Inkpot

B   Nib

C   Light

D   Pencil

Answer: B

Question 47

If '"LEMON' is coded as 'NCOMP'', then 'MANGO' is coded as ....

A   RZPES

B   OYPEQ

C   NDRHP

D   OZRDS

Answer: B

Question 48

Select the option that is related to the fourth term in the same wayasthe first term is related to the second term.
16 : 272 :: ? : 380

A   21

B   19

C   23

D   17

Answer: B

Question 49

Which letter will replace the question mark (?) in the following series?
FLO ,H?Q, JPS, LRU

A   P

B   I

C   N

D   M

Answer: C

Question 50

Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.
Statement:
Sama Veda is believed to be written around 200 BC.
Conclusions:
I. Sama Veda is one of the oldest books in history.
II. Sama Veda is the oldest book in history

A Neither conclusion I nor conclusion II follow.

B Only Conclusion I follows.

C Either conclusion I or conclusion II follows.

D Only Conclusions II follows.

Answer: B

Quant

Instructions

For the following questions answer them individually

Question 51

Pipe A can fill a tank in 36 minutes and Pipe B can empty the tank in 45 minutes.If both the pipes are opened simultaneously, then the time (in hours) to fill the tank to halfits capacity is:

A 1.5

B 2

C 1.75

D 1.25

Answer: A

Question 52

The Table shows the number of candidates appearing for an interview for a post in six Banks (H, I, J, K, L, M) and percentage of qualifying candidates.

Banks	Candidates Appearing	% of Candidates Qualifying
H	1500	14
I	2200	26
J	3000	17
K	980	20
L	1200	28
M	2500	21

The number of candidates who did not qualify in bank K was approximately what percent(correct to nearest integer) of the candidates who did not qualify in bank I?

A 42

B 44

C 48

D 51

  Answer: C

Question 53

If $4A = 6B = 5C$**; then** $A : B : C$ **is:**

A $15 : 10 : 12$

B $15 : 20 : 24$

C $24 : 20 : 15$

D $20 : 15 : 24$

  Answer: A

Question 54

A train travelling at the speed of 108 km/h crosses a pole in 32 seconds. The length (in m) of the train is:

A 1024

B 1240

C 960

D 1200

  Answer: C

Question 55

If LCM of two numbers is 231, HCF of two numbers is 11 and one number is 77, the other number is:

A 33

B 47

C 37

D 57

  Answer: A

Question 56

Five years ago, the average age of four girls, was 7 years. A new girl is included then the average present age becomes 13 years. The present age of the new girl is:

A 16 years

B 19 years

C 17 years

D 14 years

   Answer: C

Question 57

Seventy eight is divided into two parts such that four times the first part and five times the second part are in the ratio 14 : 15. The first part is:

A 30

B 48

C 42

D 36

   Answer: C

Question 58

The length, breadth and height of a cuboid are 18 cm, 24 cm and 4 cm respectively. The volume of cube is equal to the volume of given cuboid. The side of the cube is:

A 9 cm

B 12 cm

C 16 cm

D 8 cm

   Answer: B

Question 59

A man is walking at a speed of 12 km per hour. After every kilometre, he takes rest for 4 minutes. How much time(in minutes) will he take to cover a distance of 8 kilometres?

A 60

B 68

C 64

D 72

   Answer: B

Question 60

The median of the given data $\frac{1}{2}, \frac{2}{7}, \frac{3}{4}, \frac{1}{3}, \frac{5}{8}$ **is:**

A $\frac{3}{4}$

B $\frac{1}{3}$

C $\frac{2}{7}$

D $\frac{1}{2}$

Answer: D

Question 61

A is twice as good at writing a novel as B. Together they can finish writing the novel in 24 days. In how many days can A alone write the novel?

A 32

B 18

C 36

D 24

Answer: C

Question 62

The costprice of an article is ₹480. It is to be sold at a profit of 12.5%, Whatis the selling price of the article?

A ₹560

B ₹540

C ₹492.5

D ₹500

Answer: B

Question 63

The simple interest on an amount of ₹2800 at the end of 3 years is ₹420. What would be the simpleinterest on an amount of ₹3200 for the same rate and the same period?

A ₹640

B ₹480

C ₹440

D ₹560

Answer: B

Question 64

A buys water cooler at some price and sells it to B at 20% profit. B sells it to C at 10% profit. If C boughtit for ₹6666, then the cost price for B is:

A ₹5600

B ₹6400

C ₹6060

D ₹5400

   Answer: C

Question 65

If $A : B = 3 : 4, B : C = 2 : 3$, the value of $A + B : B + C : C + A$ is:

A $3 : 4 : 6$

B $5 : 6 : 7$

C $7 : 5 : 6$

D $7 : 10 : 9$

   Answer: D

Question 66

The Table shows the number of candidates appearing for an interview for a post in six Banks (H, I, J. K, L, M) and percentage of qualifying candidates.

Banks	Candidates Appearing	% of Candidates Qualifying
H	1500	14
I	2200	26
J	3000	17
K	980	20
L	1200	28
M	2500	21

What was the respective ratio of the number of candidates who qualified in bank H to the number of candidates who qualified in bank L?

A $5 : 6$

B $3 : 7$

C $2 : 5$

D $5 : 8$

   Answer: D

Question 67

What percent of 5.6 kg is 140 gram?

A 1.8

B 1.5

C 2.5

D 2

Answer: C

Question 68

A cone has a radius of 20 cm and height 21 cm,the total surface area (in cm^2)of the cone is:(Take $\pi = \frac{22}{7}$)

A 3080

B 3240

C 2920

D 3160

Answer: A

Question 69

An item is marked 37.5% above the cost price. If a discount of 9.09% is allowed, then the profit percentage (correct to nearest integer) is:

A 10

B 25

C 20

D 15

Answer: B

Question 70

The compound interest on an amount of ₹5120 at the rate of 12.5% (compounded annually) for 3 years is:

A ₹1960

B ₹2120

C ₹2280

D ₹2170

Answer: D

Question 71

The value of $\left(2\frac{1}{6} + 1\frac{13}{18} - \frac{1}{6}\right) \times 16 \div 4$ is:

A $41\frac{1}{72}$

B 42

C 63

D $\frac{134}{9}$

Answer: D

Question 72

The volume of prism is 288 cm^3 and heightis 24 cm. The base area (in cm^2) of the prism is:

A 14

B 15

C 10

D 12

Answer: D

Question 73

A total of 57 sweets were distributed among 10 children such that each girl gets 6 sweets and each boy gets 5 sweets. The number of boys is:

A 6

B 4

C 5

D 3

Answer: D

Question 74

The value of x in the given equation $23^2 + \sqrt{x} = 625$

A 9124

B 9216

C 9576

D 9028

Answer: B

Question 75

The Table shows the number of candidates appearing for an interview for a post in six Banks (H,I, J. K, L, M) and percentage of qualifying candidates.

Banks	Candidates Appearing	% of Candidates Qualifying
H	1500	14
I	2200	26
J	3000	17
K	980	20
L	1200	28
M	2500	21

What was the average number of candidates who appeared for the interview in bank H, J and L together?

A 2000

B 1500

C 1800

D 1900

Answer: D

General knowledge

Instructions

For the following questions answer them individually

Question 76

Which of the following is NOT a communicable disease?

A Chickenpox

B Tuberculosis

C Diabetes

D Cholera

Answer: C

Question 77

Which of the following rivers is NOT a part of Himalayan drainage system?

A Godavari

B Ganga

C Brahmaputra

D Indus

Answer: A

Question 78

Which Indian actor has been appointed as Brand Ambassador by 'Phone Pe'in March 2019?

A Aamir Khan

B Salman Khan

C Amitabh Bachchan

D Shahrukh Khan

   Answer: A

Question 79

Which of the following pillars depict rock-cut pillars?

A Gothic Pillars

B Mauryan Pillars

C Persian Pillars

D Achamenian Pillars

   Answer: B

Question 80

Pricing Policy of Minimum Support Price follows which approach?

A Investment plus approach

B Land plus approach

C Loan plus approach

D Cost plus approach

   Answer: D

Question 81

What is the SI unit of momentum?

A Kg m

B Joule

C Ampere

D Kg m/sec

   Answer: D

Question 82

What is the state of matter formed by cooling a gas of extremely low density to Super low temperatures?

A Solid

B Liquid

C Plasma

D Bose-Einstein Condensate

 Answer: D

Question 83

The famous Lingraja Templeis located in which city?

A Bhubaneshwar

B Ujjain

C Bhopal

D Kolkata

 Answer: A

Question 84

Which of the following is NOT a colour in the Olympic Ring?

A Pink

B Green

C Red

D Blue

 Answer: A

Question 85

The decisions of the Supreme Court of India are binding on ………….

A All States & UT except J & K

B All Courts in India

C Territory of individual state

D Only District Courts

 Answer: B

Question 86

In the context of the Physical features of India, what is kayal?

A   Alluvial floodplains in North East

B   Lake formedbytectonic activity

C   Thick deposits of glacial clay

D   Backwaters

   Answer: D

Question 87

Which part of human respiratory system provides surface for exchange of gases?

A   Bronchi

B   Alveoli

C   Trachea

D   Bronchioles

   Answer: B

Question 88

Tropical Evergreen Forests are NOT foundin which part of India?

A   Andaman & Nicobar

B   North Eastern Region

C   Western Ghats

D   Eastern Ghats

   Answer: D

Question 89

Which is the highest Court of Appeal in India?

A   Consumer Court

B   High Court

C   District Court

D   Supreme Court

   Answer: D

Question 90

During the reign of IItutmish, special slaves were purchased for military service known as ....

A   Muqtis

B   Iqtadar

C   Samanta

D   Bandagan

   Answer: D

Question 91

After the revolt of 1857, which of the following changes were NOT introduced by the British Government in India?

A   Powers of East India Company was transferred to British Crown

B   Governor General of India became Viceroy of India

C   Secretary of State for India was appointed

D   Proportion of India Soldiers in the British army were increased

   Answer: D

Question 92

Which Education Commission argued that European learning would improve the moral character of Indians?

A   Irwin Report

B   Wood's Despatch

C   Linlithgow Commission

D   Ramsay Macdonald Award

   Answer: B

Question 93

Which human organis responsible for removing nitrogenous waste from the human body?

A   Pancreas

B   Lungs

C   Kidney

D   Liver

   Answer: C

Question 94

Which of the following is NOT a weight division in boxing?

A   Middle weight

B   Heavy weight

C   Light weight

D   Under weight

   Answer: D

Question 95

Tripitaka is the holy book of whichof the following religions?

A   Judaism

B   Buddhism

C   Islam

D   Jainism

   Answer: D

Question 96

What is the amount allocated to Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)Schemein the Union Budget for 2019-20?

A   ₹60000 crore

B   ₹50000 crore

C   ₹70000 crore

D   ₹80000 crore

   Answer: A

Question 97

The famous cartoon character called 'Gattu' was created by the legendary cartoonist RK Laxman for which company?

A   Amul

B   Nirma

C   Asian Paints

D   Onida

   Answer: C

Question 98

Right to Health is guaranteed to every citizen of India under which article?

A   Article 20

B Article 21

C Article 19

D Article 21-A

  Answer: B

Question 99

Which film won Golden Peacock Award at IFFI 2018?

A Tumhari Sulu

B Walking with the wind

C Sealed lips

D Donbass

  Answer: D

Question 100

First Indian woman to successfully scale Mount Makalu is ....

A Priyanka Mohite

B Bhawana Kanth

C Kami Rita Sherpa

D Gauri Sawant

  Answer: A

SSC MTS 13th August 2019 Shift-2

English

Instructions

For the following questions answer them individually

Question 1

Select the most appropriate word to fill in the blank and make a meaningful sentence.
Nowadays, digital services have made our cash transactions easier and _____.

A softer

B smoother

C heavier

D dearer

Answer: B

Question 2

Select the most appropriate word for the given group of words.
The decision that is given by the jury or judge at the end of a trial

A Accusation

B Punishment

C Allegation

D Verdict

Answer: D

Question 3

Identify the segment in the sentence which contains the grammatical error from the given options.
Outside the cinema hall, there was queue of people waiting to see the movie.

A there was queue of

B people waiting

C to see the movie

D Outside the cinema hall

Answer: A

Question 4

Select the most appropriate word for the given group of words.
An extremely large mass of ice which moves very slowly, often down a mountain valley

A Mirage

B Glacier

C Island

D Ocean

Answer: B

Question 5

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Robert and Rooney aren't very good friends although they _____ each other for a long time.

A have known

B are knowing

C has known

D knew

Answer: A

Question 6

Select the most appropriate word to fill in the blank and make a meaningful sentence.
When I returned home from work I found my son weeping _____.

A sweetly

B bitterly

C calmly

D gently

Answer: B

Question 7

Select the most appropriate antonym of the word.
ILLUSION

A Fantasy

B Hallucination

C Mirage

D Reality

Answer: D

Question 8

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.
The fire spread through the building very quick but fortunately nobody was injured.

A spreads through the building quickly

B   spread through the building very quickly

C   spreading through building very quick

D   No improvement

   Answer: B

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Comprehension:

The house - the only one in the entire valley sat on the crest of a low hill. From this height one (1)_____ see the river and the field of ripe corn dotted with the flowers that (2)_____ promised a good harvest. The only thing the earth (3)_____ was a downpour or at least a shower. Throughout the morning Paul - who (4)_____ his fields intimately (5)_____ done nothing else but watch the sky towards the north-east.

Question 9

Select the most appropriate option to fill in blank No.1

A   need

B   ought

C   must

D   could

   Answer: D

Question 10

Select the most appropriate option to fill in blank No.2

A   hardly

B   always

C   never

D   rarely

   Answer: B

Question 11

Select the most appropriate option to fill in blank No.3

A   needed

B   prayed

C   displayed

D   longed

   Answer: A

Question 12

Select the most appropriate option to fill in blank No.4

A knowing

B known

C know

D knew

   Answer: D

Question 13

Select the most appropriate option to fill in blank No.5

A have

B having

C had

D is

   Answer: C

Instructions

For the following questions answer them individually

Question 14

Select the most appropriate meaning of the given idiom.
Forty winks

A A short nap during the day

B To blink repeatedly

C To keep awake

D A sound sleep at night

   Answer: A

Question 15

Identify the segment in the sentence which contains the grammatical error from the given options.
A friend of mine is working as a photographer of the local newspaper.

A A friend of mine

B the local newspaper

C is working as a

D photographer of

   Answer: D

Question 16

Select the most appropriate meaning of the given idiom.
It's raining cats and dogs

A To rain very heavily

B To rain continuously

C To rain mildly

D To rain at regular intervals

  Answer: A

Question 17

Identify the segment in the sentence which contains the grammatical error from the given options.
The essay is divided into five paragraphs and every of these has seven sentences.

A has seven sentences

B into five paragraphs

C The essay is divided

D and every of these

  Answer: D

Question 18

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.
Robert told me about his new job, <u>which he's enjoying</u> very much.

A No improvement

B which he enjoying

C that which he's enjoyed

D which he had enjoy

  Answer: A

Instructions

Select the most appropriate synonym of the given word.

Question 19

CALM

A Violent

B Peaceful

C Windy

D Stormy

Answer: B

Question 20

RELEVANT

A Unconnected

B Applicable

C Inapplicable

D Unrelated

Answer: B

Instructions
For the following questions answer them individually

Question 21

Select the correctly spelt word.

A Devlop

B Diffrence

C Discribe

D Disappear

Answer: D

Question 22

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.
I asked two pedestrians the way to the station, and neither of them couldn't help me.

A and either them couldn't

B No improvement

C but neither of them could

D but none of they could

Answer: C

Question 23

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Children are not allowed to use the swimming pool _____they are accompanied by an adult.

A unless

B   at least

C   if only

D   in case

   Answer: A

Question 24

Select the most appropriate antonym of the word.
DIMINISH

A   Increase

B   Decrease

C   Shrink

D   Decline

   Answer: A

Question 25

Select the correctly spelt word.

A   Discipline

B   Disastraus
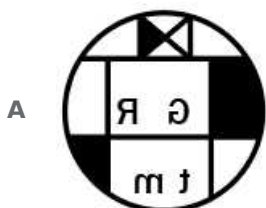
C   Diractory

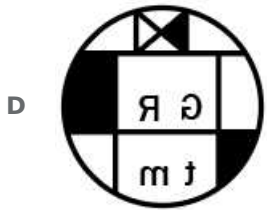**D**   Dormitery

   Answer: A

Reasoning

Instructions
For the following questions answer them individually

Question 26

Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.

A

B

C

D
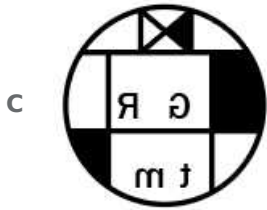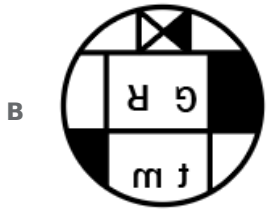
Answer: C

Question 27

Which of the following letter cluster will replace the question mark (?) to complete the given series?
PTX, AEI, LPT, ?

A XAE

B WZE

C XAD

D WAE

Answer: D

Question 28

Select the option figure which contains the given question figure embedded in it as its part. (Rotation is not allowed)

A

B

C

D

Answer: A

Question 29

Two statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some caps a re shirts.
Some shirts are coats .
Conclusions:
I. No coat is cap.
II. No coat is shirt.
III. Some coats are caps.

A Either conclusion II or III follow.

B Conclusions II and III follow.

C Either conclusion I or III follow.

D Conclusions I and II follow.

Answer: C

Question 30

Which number will replace the question mark (?) in the following series?
15, 17, 20, 25, 32, 43, ?

A 56

B 55

C 57

D 54

Answer: A

Question 31

'Jharkhand' is related to 'State' in the same way as 'Lakshwadweep' is related to '_____'.
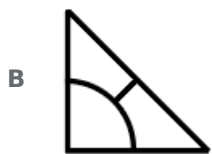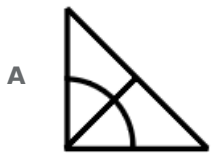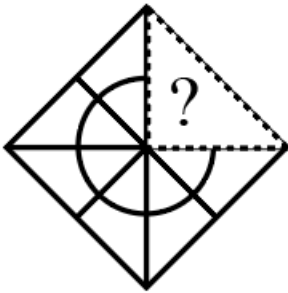
A Punjab

B Union Territory

C Ranchi

D District

Answer: B

Question 32

Which of the following option figure will complete the pattern in the figure given below?

A

B

C

D

Answer: A

Question 33

In a code language, if 'REPAIR' is written as 18101621818', then how will 'GALAXY' be written in that language?

A 721212425

B 721222425

C 711212425

D 611212324

   Answer: B

Question 34

In a code language, if 'CLASS' is written as '24152688, then how will 'MORPH' be written in that language?

A 151291119

B 141291119

C 131291018

D 141181118

   Answer: B

Question 35

In a code language, 'people are confident' is written as 'lur bur duk', 'we are helpful' is written as 'kur duk sur', 'we have cars' is written as 'sur mur jur' and 'people have honesty' is written as 'lur jur nur'. What is the code for 'confident'?

A bur

B duk

C jur

D lur

   Answer: A

Question 36

Amrit is elder than Vikrant. Shanaz is elder than Joya. Ketan is younger than Joya.Vikrant is elder than Shanaz. Who is the youngest in the group?

A Shanaz

B Ketan

C Joya

D   Vikrant

Answer: B

Question 37

Eight friends P, Q, R, S, T, U, V and W are sitting around a circular table at equal distances from each other. U is sitting extremely opposite to P. S is between V and Q. R is between U and W. P is sitting to the immediate right of Q. Who is sitting between P and W?

A   U

B   T

C   V

D   Q

Answer: B

Question 38

A figure of transparent sheet with a pattern is given below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.

A

B

C

D

Answer: C

Question 39

Select the figure that will come next in the following figure series.

A

B

C

D
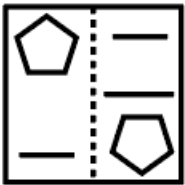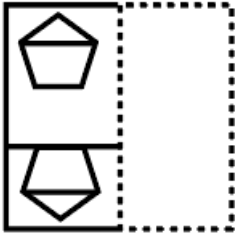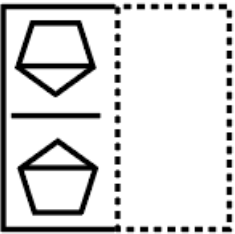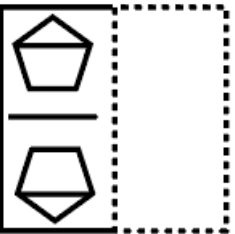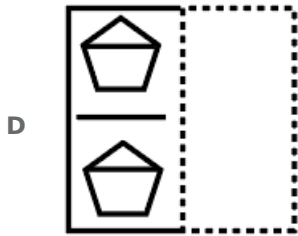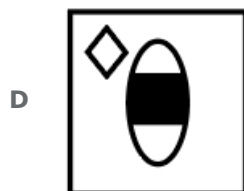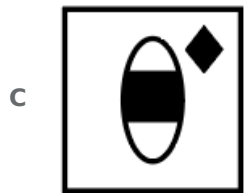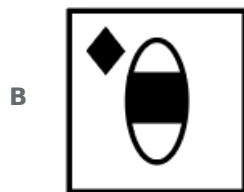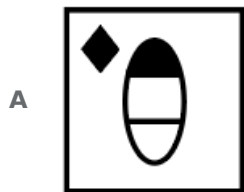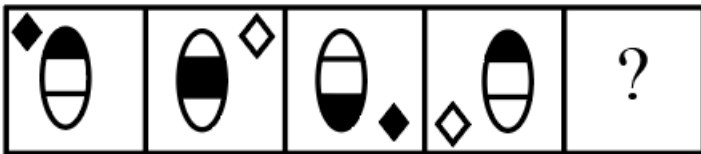
Answer: B

Question 40

Select the word pair in which the two words are related in the same way as the word pair given below.
Skin : Eczema

A   Kidney : Diabetes

B   Lungs : oxygen

C Eyes : Cataract

D Heart : Blood

   Answer: C

Question 41

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some plants are leaves.
All leaves are twigs.
No twig is banana.
Conclusions:
I. Some plant s are bananas.
II. Some twigs are leaves.
III. Some bananas are leaves.

A Only conclusion III follows

B Conclusions I and II follow

C Only conclusion II follows

D Conclusions II and III follow

   Answer: C

Question 42

Select the option that is related to the third number in the same way as the second number is related to the first number.
12 : 121 : : 10 : ?

A 64

B 81

C 112

D 91

   Answer: B

Question 43

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
PECL : OFHS : : QTJM : ?

A PNVT

B ONVS

C PMWT

D OMWS

Answer: C

Question 44

In a code language, 'LANTERN' is written as 'AELNNRT'. How will 'POSITIVE' be written as in that language?

A IIEPOSTV

B EIIOPTVS

C ISOPEVIT

D EIIOPSTV

Answer: D

Question 45

Which number will replace the question mark (?) in the following series?
105, 106, 114, 141, ?

A 207

B 208

C 205

D 206

Answer: C

Question 46

Select the set in which the numbers are related in the same way as are the numbers of the following set.
5, 30, 40

A 4, 25, 32

B 6, 42, 49

C 8, 72, 88

D 7, 56, 77

Answer: C

Question 47

Six persons A, B, C, D, E and F are sitting in a line. E is between D and F. A is second to the right of F. C is at extreme right. Who is sitting at second place to the left of C?

A D

B A

C B

D F

Question 48

Select the Venn diagram that best illustrates the relationship between the following classes.
Mothers, Fathers, Daughters, Women

A

B

C

D
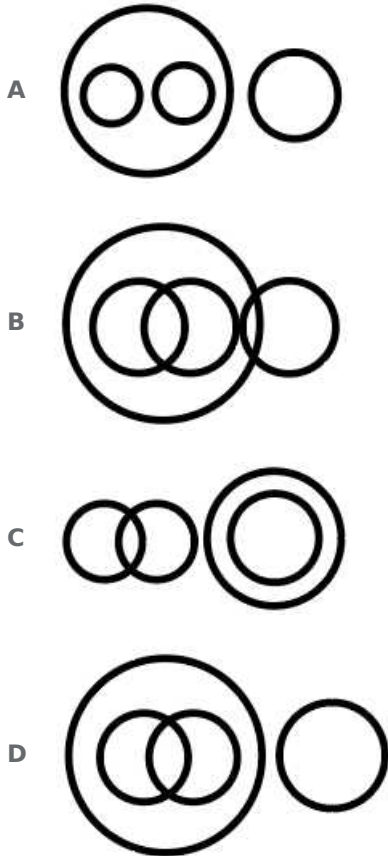
Answer: D

Question 49

Which two signs and two numbers should be interchanged to make the given equation correct?
$28 + 4 \times 16 \div 5 - 17 = 127$

A   4 and 5, $+ \, and \times$

B   28 and 16 $+ \, and \div$

C   4 and 5, $+ \, and -$

D   28 and 5, $\div \, and \times$

Answer: A

Question 50

If 'A' stands 'addition', B stands for 'division', C stands for 'subtraction' and D stands for 'multiplication,
then what is the value of the following equation?
25 D 13 A 82 C 132 B 11 = ?

A   395

B 415

C 375

D 253

   Answer: A

Quant

Instructions

For the following questions answer them individually

Question 51

Parikh sold his pen ata profit of ₹11. He calculated the profit percentage onselling price and foundit to be 25%. The cost price (in ₹) of the pen is:

A 33

B 24

C 36

D 44

   Answer: A

Question 52

After allowing a discount of 12.5%, shopkeeper makesa profit of 25% on a bag. At what percent higher than the cost price did he mark the bag? (correct to nearest integer)

A 35%

B 43%

C 41%

D 38%

   Answer: B

Question 53

Age of A is 6 years more than three times the age of B. After three years, A's age will be 8 years more than twice the age of B. The average of present ages of A and (in years) is:

A 12

B 11

C 14

D 13

   Answer: D

Question 54

A Woman travelling at 130% of her usual speed reaches her office 12 minute early. Her usual time to cover the journey is:

A   0.52 hr

B   0.48 hr

C   2 hrs

D   1 hr

Answer: A

Question 55

The value of $[12 \times 5 - \{200 - (501 + 247 - 386)\}] \div 2$ is:

A   162

B   161

C   111

D   82

Answer: C

Question 56

If an article is sold at 23% profit instead of 14% profit, then the profit would be ₹189 more. What is the cost price?

A   ₹2100

B   ₹2105

C   ₹2340

D   ₹1800

Answer: A

Question 57

A can do a work in 15 days. B is 25% more efficient than A. In how many days, working together A and B will complete the same work?

A $\frac{21}{4}$

B $\frac{24}{5}$

C $\frac{20}{3}$

D $\frac{25}{7}$

Answer: C

Question 58

The area of the sheet metal needed to make a box of size 7 cm × 8 cm × 9 cm is:

A 382 cm^2

B 156 cm^2

C 412 cm^2

D 139 cm^2

   Answer: A

Instructions

The Table shows the Number of Laptops and Desktops manufactured by a company.

Year	2008	2009	2010	2011	2012
Laptops	14400	20500	12800	16400	18600
Desktops	12800	24700	19200	20200	14900

Question 59

What was the difference in the total number of Laptops and Desktops manufactured in 2009 to the total number of Laptops and Desktops manufactured in 2011?

A 8600

B 5600

C 6800

D 8200

   Answer: A

Question 60

Approximately what was the percentage decrease in number of desktops manufactured in 2012 from 2011? (correct to nearest integer)

A 30

B 22

C 28

D 26

   Answer: D

Instructions
For the following questions answer them individually

Question 61

A bagcontains ten rupee, five rupee and two rupeenotesin the ratio 10 : 5 : 2. The total valueoffive rupee notesin the bag is ₹84 more than that of two rupee notes. The total value often rupee notes in the bag (in ₹)is:

A 350

B 450

C 300

D 400

   Answer: D

Question 62

The temperature in $°C$ of 11 days recorded as follows:
29, 32, 30, 15, 21, 24, 23, 27, 26, 30, 33 the Median of the temperature is:

A 27

B 26

C 23

D 18

   Answer: A

Question 63

The volume of prism is 308 cm^3 and height is 11 cm. The base area of prism is:

A 21 cm^2

B 14 cm^2

C 28 cm^2

D 22 cm^2

   Answer: C

Question 64

The average of 10 numbers is P and the average of 4 of these numbers is Q. If the average of remaining numbers is R then which of the following is correct:

A $3P = 2Q + 4R$

B $5P = 3Q + 2R$

C $5P = 2Q + 3R$

D $4P = 2Q + 3R$

   Answer: C

Question 65

The Table shows the Number of Laptops and Desktops manufactured by a company.

Year	2008	2009	2010	2011	2012
Laptops	14400	20500	12800	16400	18600
Desktops	12800	24700	19200	20200	14900

What is the average number of laptops manufactured by a company from 2008 to 2012?

A 13550

B 16140

C 16540

D 14260

Answer: C

Question 66

If $a : b = 2 : 3$ and $b : c = 2 : 3$, then what is the value of $(3a^2 + b^2 - c^2) : (a^2 + 2b^2 - c^2)$?

A $3 : 5$

B $4 : 5$

C $5 : 7$

D $3 : 7$

Answer: D

Question 67

A sum doubles in 4 years at a certain rate of compound interest. In how many years does it amount to 8 times itself at the same rate?

A 9

B 12

C 15

D 6

Answer: B

Question 68

The largest three digit number that is exactly divisible by 6, 7 and 8 is:

A 999

B 168

C 358

D 840

   Answer: D

Question 69

A mixture contains milk and water in the ratio (by volume)5 : 3 and another mixture, of the same volume as that of the former, contains water and milk in the ratio (by volume)1 : 3. In what ratio, two mixtures be mixed in order to obtain a new mixture consisting of milk and water in the ratio (by volume) 7 : 3 ?

A   2 : 3

B   3 : 4

C   5 : 6

D   3 : 2

   Answer: A

Question 70

If 80% of X is 36 more than 60% of Y and 120% of X is equal to Y, then the difference between X and Y is:

A   80

B   100

C   90

D   60

   Answer: C

Question 71

The diagonal of a square measures $6\sqrt{2}$ cm. The measure of the diagonal of a square whose area is twice that of the first square is:

A   12 cm

B $12\sqrt{2}$ cm

C   6 cm

D $6\sqrt{2}$ cm

   Answer: A

Question 72

A boat takes 80 minutes to row 12 km upstream and 60 minutes to row 15 km downstream. How long will it take to row a distance of 36 km in still water?

A   2 hours

B   3 hours

C   4 hours

D 2.5 hours

Answer: B

Question 73

A work can be completed by 35 workers in 30 days. If 5 workers leave after every 10 days then in how many days will the work be completed?

A 35.5 days

B 37.5 days

C 40 days

D 50 days

Answer: B

Question 74

A certain sum amounts to ₹20720 in four years and ₹24080 in six years at a certain rate of simple interest. The sum (in ₹) is:

A 11000

B 12000

C 14000

D 15000

Answer: C

Question 75

The value of $5\frac{1}{3} \times 2\frac{1}{7} \times 9\frac{2}{5} \times 4\frac{3}{8} \times 2\frac{6}{47}$ is?

A 1

B 1000

C 100

D 10

Answer: B

General knowledge

Instructions

For the following questions answer them individually

Question 76

Which of the following countries hosted the first South Asian Games?

A   Nepal

B   India

C   Bangladesh

D   Pakistan

   Answer: A

Question 77

The painting "Damayanthi" was painted by _____.

A   Raja Ravi Varma

B   Kalidas

C   Johann Zoffany

D   Abanindranath Tagore

   Answer: A

Question 78

Who was the first Chief Justice of Independent India?

A   B.K. Mukherjee

B   S.R. Das

C   M. Patanjali Sastri

D   Harilal J. Kania

   Answer: D

Question 79

Ajanta and Ellora caves are located in which state of India?

A   Goa

B   Madhya Pradesh

C   Bihar

D   Maharashtra

   Answer: D

Question 80

What condition is required to rust in iron?

A Absence of O_2

B presence of CO_2

C Absence of H_2O

D presence of O_2

Answer: D

Question 81

Which of the following pair of Tropical Grassland - Location is correct?

A Campas - Venezuela

B Los Llanos - Brazil

C Savanna - Africa

D Steppe - Greenland

Answer: C

Question 82

Who headed Provincial Constitution Committee?

A Dr. Rajendra Prasad

B Sardar Vallabh Bhai Patel

C V.P Menon

D Jawaharlal Nehru

Answer: B

Question 83

Which of the following Prime Minister has served a term of 13 days?

A Atal Bihari Vajpayee

B Morarji Desai

C Charan Singh

D Jawaharlal Nehru

Answer: A

Question 84

The reaction between an acid and a base is known as _____.

A Evaporation

B Sublimation

C neutralization

D acidification

   Answer: C

Question 85

The headquarters of the Indian Institute of Astrophysics is located in _____.

A Shillong

B Indore

C Nainital

D Bangalore

   Answer: D

Question 86

Who among the following has NOT received 'Bharat Ratna'?

A Mahatma Gandhi

B Pt. Jawaharlal Nehru

C Atal Bihari Vajpayee

D Sachin Tendulkar

   Answer: A

Question 87

Salinity is the amount of salt in grams present in _____.

A 1000 grams of water

B 100 grams of water

C 10000 grams of water

D 10 grams of water

   Answer: A

Question 88

Temple for Goddess Nishumbhasudini was built by _____.

A Pallavas

B Cholas

C Gupta Dynasty

D Muttaraiyar

Answer: B

Question 89

Who decides repo rate, reverse repo rate and bank rate?

A   SEBI

B   NABARD

C   Reserve Bank of India

D   SBI

   Answer: C

Question 90

What is the Reverse Repo Rate as announced by the Reserve Bank of India in June 2019?

A   6.00 per cent

B   5.50 per cent

C   5.75 per cent

D   6.25 per cent

   Answer: B

Question 91

In which year the Congress and the Muslim League signed the historic Lucknow pact?

A   1915

B   1906

C   1916

D   1917

   Answer: C

Question 92

Susu Dolphin is found in waters of which river?

A   Jhelum

B   Indus

C   Chenab

D   Ganga

   Answer: D

Question 93

As of June 2019,which of the following is NOT a Navratna Company?

A   Bharat Electronics Limited

B   Rashtriya Ispat Nigam Limited

C   Hindustan Petroleum Corporation Limited

D   Steel Authority of India Limited

   Answer: D

Question 94

Poona Pact, 1932, was signed between _____.

A   Dr. B.R. Ambedkar and Mahatma Gandhi

B   Mahatma Gandhi and Viceroy Irvin

C   Dr. B.R. Ambedkar and Jawaharlal Nehru

D   Mahatma Gandhi and Mc Donald

   Answer: A

Question 95

Who appoints Governor of the state in India?

A   PMO

B   Prime Minister

C   President

D   Cabinet Committee on Appointments

   Answer: C

Question 96

Mosses, Lichens and small shrubs are found in which type of vegetation?

A   Mangrove

B   Tundra

C   Tropical Evergreen Forest

D   Coral Reefs

   Answer: B

Question 97

Swaraj Party was formed by _____.

A   C.R. Das and Jawaharlal Nehru

B   C.R. Das and Motilal Nehru

C   Motilal Nehru and Sardar Vallabhbhai Patel

D   Subhas Chandra Bose and Jawaharlal Nehru

   Answer: B

Question 98

Article 21-A was introduced by which Constitutional Amendment Act?

A   93rd

B   85th

C   73rd

D   86th

   Answer: D

Question 99

Taiga forest are found in which of the following countries?

A   Brazil

B   Australia

C   Russia

D   India

   Answer: C

Question 100

Who among the following is the highest wicket taker in the ICC World Cup 2019?

A   Trent Boult

B   Jofra Archer

C   Mitchell Starc

D   Jaspreet Bumrah

   Answer: C

SSC MTS 13th August 2019 Shift-3

English

Instructions

For the following questions answer them individually

Question 1

Select the correctly spelt word.

A   Administrater

B   Administrator

C   Administratur

D   Aministretor

   Answer: B

Question 2

Identify the segment in the sentence which contains the grammatical error from the given options. There is no point of arguing over something so unimportant.

A   over something

B   There is no

C   point of arguing

D   so unimportant

   Answer: C

Question 3

Select the most appropriate word to fill in the blank and make a meaningful sentence. Searching frantically to find all the hidden jewels and cash, the burglars proceeded to _____ the entire house.

A   pry

B   ransack

C   seek

D   poach

   Answer: B

Question 4

Select the antonym of the given word. Coarse

A   Ragged

B   Attractive

C   Smooth

D Shiny

Answer: C

Question 5

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
I'm short _____ funds at the moment so can I pay you back next week?

A of

B in

C off

D at

Answer: A

Question 6

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
It's fascinating to watch how a baby changes and develops over time.

A No substitution required

B change and develop

C changing and developing

D changed and developed

Answer: A

Question 7

Select the correctly spelt word.

A Beautifuli

B Beautifuly

C Beautifully

D Beautefully

Answer: C

Question 8

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
The quality of public health care _____ on the amount of money allocated to it.

A dependent

B depending

C depends

D depend

Answer: C

Question 9

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
You can buy a plastic cover to <u>put into</u> your computer if you're worried about dust.

A put above

B No substitution required

C put onto

D put over

Answer: D

Question 10

Select the most appropriate word to fill in the blank and make a meaningful sentence.
The teacher was highly _____ with my essay.

A afflicted

B interested

C damaged

D impressed

Answer: D

Question 11

Select the antonym of the given word.
Notorious

A Efficient

B Popular

C Optimistic

D Infamous

Answer: B

Question 12

Identify the segment in the sentence which contains the grammatical error from the given options.
If you play your cards right, the job could be your when she leaves.

A the job could be your

B If you play

C   when she leaves

D   your cards right

   Answer: A

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Comprehension:

A helicopter can do many things that an aeroplane cannot. It can (1)_____ straight up or straight down, or sideways. It can hover over one spot, like a hawk (2)_____ the air, and it can (3)_____ or land in a very small space. A helicopter has no wings but it (4)_____ a set of blades that whirl .Because of this, it is called a "whirly-bird", and the air over the (5)_____ blades gives the lift needed to make the machine fly.

Question 13

Select the most appropriate option to fill in blank No.1.

A   flying

B   flew

C   flow

D   fly

   Answer: D

Question 14

Select the most appropriate option to fill in blank No.2.

A   onto

B   in

C   on

D   into

   Answer: B

Question 15

Select the most appropriate option to fill in blank No.3.

A   take off

B   take out

C   take up

D   take over

   Answer: A

Question 16

Select the most appropriate option to fill in blank No.4.

A   had

B   having

C   has

D   have

   Answer: C

Question 17

Select the most appropriate option to fill in blank No.5.

A   pushing

B   pulling

C   circling

D   whirling

   Answer: D

Instructions
For the following questions answer them individually

Question 18

Select the synonym of the given word.
Swift

A   Slow

B   Harsh

C   Quick

D   Turn

   Answer: C

Question 19

Select the meaning of the given idiom.
To be tight-lipped

A   To keep quiet

B   To keep records

C   To keep up the spirit

D   To keep a fast

   Answer: A

Question 20

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
She has decided <u>on to do</u> a Chinese language course.

A No substitution required

B on doing

C on to doing

D to doing

   Answer: B

Question 21

Select the word which means the same as the group of words given.
A person who loves money and hates spending it

A Investor

B Miser

C Banker

D Lender

   Answer: B

Question 22

Select the meaning of the given idiom.
Hang one's head

A To be ashamed

B To be proud

C To punish

D To be greedy

   Answer: A

Question 23

Select the synonym of the given word.
Massive

A Huge

B Weak

C Tiny

D Strong

   Answer: A

Question 24

Select the word which means the same as the group of words given.
One who loses temper very soon

A Temporal

B Argumentative

C Tampered

D Hot-headed

  Answer: D

Question 25

Identify the segment in the sentence which contains the grammatical error from the given options.
I couldn't hear what was she saying due to the noise of the planes taking off.

A planes taking off.

B what was she saying

C I couldn't hear

D due to the noise of the

  Answer: B

Reasoning

Instructions

For the following questions answer them individually

Question 26

Select the correct mirror image of the given letter-number cluster when the mirror is placed below the cluster.

R Y 9 4 k m S

A ƧɯʞⱦꝹ⅄Я

B ꓘY9ⱦkɯƧ

C ꓘ⅄9ⱦꓘɯƧ

D ꓘ⅄9ⱦꓘɯƧ

  Answer: D
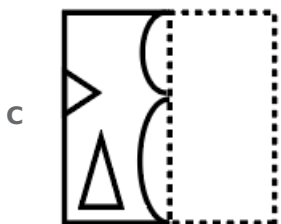
Question 27

Select the letter Cluster that can replace the question mark (?) in the following series.
QKR, UOV, YSZ, CWD, ?

A   GAH

B   FZG

C   GAI

D   FBH

   Answer: A

Question 28

A figure of transparent sheet with a pattern is given below. Figure out from amongst the four options as to how the pattern would appear when the transparent sheet is folded at the dotted line.

A

B

C

D
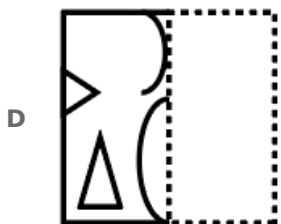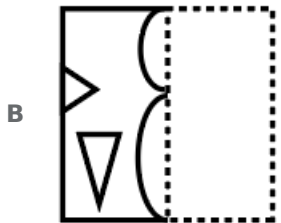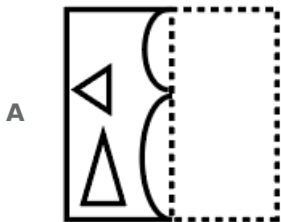
   Answer: C

Question 29

In a code language, if 'VISUAL' is written as '22181942212', then how will 'DETOX' be written in that language?

A   310301524

B   410203024

C   405302022

D   420204024

Answer: B

Question 30

Select the option that is related to the third number in the same way as the second number is related to the first number.
17 : 306 : : 21 : ?

A   459

B   462

C   460

D   464

Answer: B

Question 31

Which two signs and two numbers should be interchanged to make the given equation correct?
$45 - 87 \times 20 \div 5 + 29 = 50$

A $20 \, and \, 29, \div \, and \times$

B $29 \, and \, 45, + \, and \div$

C $20 \, and \, 29, \div \, and +$

D $45 \, and \, 5, \times \, and -$

Answer: A

Question 32

In a code language, if 'CAMPER' is written as '314567', and 'SORE' is written as '8976', then how will 'CEASE' be written in that language?

A   36286

B   36186

C   34186

D   86315

Answer: B

Question 33

Among five rods P, Q, R, S and T, S is lengthier than T. R is shorter than P. Q is lengthier than S. P is lengthier than only one rod. Which rod is second lengthiest among all the rods?

A S

B T

C P

D Q

   Answer: A

Question 34

'Magician' is related to 'Magic' in the same way as 'Joker' is related to '_____'.

A Ball

B Movie

C Comedy

D Stage

   Answer: C

Question 35

Total 42 students are standing in a line facing east. Neha's position is 16th from the right end. Vinita is standing at 26th position from the left. If Mangala is standing at the 7th place to the right of Neha, what is Mangala's positon from the left end of the row?

A 34th

B 33rd

C 35th

D 32nd

   Answer: A

Question 36

In a code language, 'FRESH' is written as 'UIVHS'. How will 'DOUGH' be written as in that language?

A VKFHS

B UKERT

C WKGSS

Question 37

Two statements are given, followed by four conclusions in the options. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which conclusion logically follows from the statements.
Statements:
All gifts are prizes.
Some gifts are objects.

A All prizes are gifts.

B Some gifts are not prizes.

C No object is prize.

D Some objects are prizes.

Answer: D

Question 38

Which number will replace the question mark (?) in the following series?
15, 32, 55, ?, 127, 180

A 85

B 84

C 86

D 87

Answer: C

Question 39

Select the figure that will come next in the following figure series.

A

B

C

D
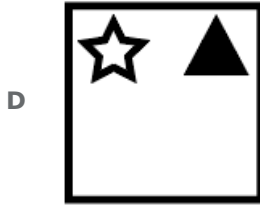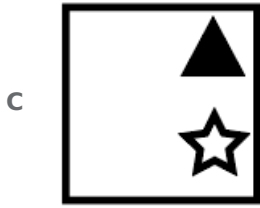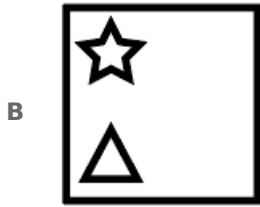
Answer: D

Question 40

If 'A' stands 'addition', B stands for 'division', C stands for 'subtraction' and D stands for 'multiplication, then what is the value of the following equation?
4 D (3 A 1) C 5 A (6 B 2) C 7

A 12

B 7

C 17

D 5

Answer: B

Question 41

Which of the following option figure will complete the pattern in the figure given below?

A

B

C

D
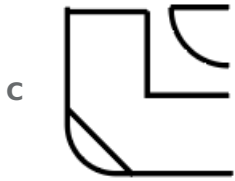
Answer: A

Question 42

Select the set in which the numbers are related in the same way as are the numbers of the following set.
7, 18, 126

A   12, 80, 320

B   8, 21, 148

C   10, 20, 200

D   11, 30, 340

   Answer: C

Question 43

Select the Venn diagram that best illustrates the relationship between the following classes.
Scooters, Vehicles, Auto-rickshaws

A

B

C

Answer: D

Question 44

The houses of eight persons A, B, C, D, E, F, G and H are located in two rows of four houses each. Both rows are facing each other. E's house is between F and G's house. B and H's houses are at corners. B's house is diagonally located to C's house. A's house is facing B's
house. Whose house is located between C's and H's house?

A A

B G

C B

D D

  Answer: D

Question 45

In a code langauge, 'TEMPER' is written as 'OGVTGR', how would 'FRIEND' be written in that language?
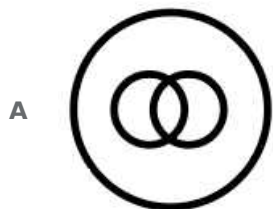
A ITGFPG

B KTHFPG

C JSHFPG

D KTHGOG

  Answer: B

Question 46

Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
I. All markers are pens.
II. No pen is pencil.
III. Some pens are sharpeners.
Conclusions:
I. Some pens are markers.
II. No marker is pencil.
III. No marker is sharpener.

A Conclusions I and II follow.

B Conclusions II and III follow.

C Either conclusion I or II follow.

D Conclusions I and III follow.

Answer: A

Question 47

Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
Phone : Telecommunication

A Newspaper : Magazine

B Bus : Transportation

C Refrigerator : Snow

D Geyser : Water

Answer: B

Question 48

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
HKRC : ENOF : : SRYK : ?

A OTVM

B PVUN

C PUVN

D OUVM

Answer: C

Question 49

Select the option figure which contains the given question figure embedded in it as its part. (Rotation is not allowed)

A

B

C

D
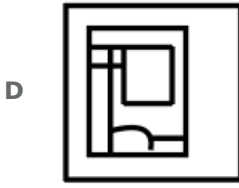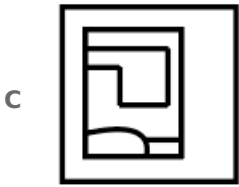
Answer: B

Question 50

Which number will replace the question mark (?) in the following series?
28, 32, 48, 84, ?

A 150

B 152

C 154

D 148

Answer: D

Quant

Instructions
For the following questions answer them individually

Question 51

The average marks obtained by a student in 9 subjects is 98. On subsequent verification it was found that the marks obtained by him in a subject was wrongly copied as 86 instead of 68. The correct average of the marks obtained by him is:

A 94

B 95

C 96

D 97

Answer: C

Question 52

The price that Kamal should mark on a chair which costs him ₹1500 to gain 15% after allowing a discount of 25% (in ₹) is:

A 2300

B 1800

C 2233

D 2144

   Answer: A

Question 53

The heights of students are given in cm as 161, 190, 185, 163, 172, 180, 162. The median height of the student is:

A 131

B 172

C 170

D 180

   Answer: B

Question 54

The Table shows the number of articles sold by six different sellers (A, B, C, D, E and F)to two different shopkeepers P and Q. Some articles are purchased by other sellers also. Total articles purchased by shopkeepers P and Q is 300 and 500 respectively.

Seller	P	Q
A	45	56
B	53	49
C	28	44
D	38	38
E	35	65
F	55	60

Total number of articles sold by seller C to shopkeeper Q is what percent of total number of articles sold by seller F to shopkeeper P?

A 80%

B 84%

C 75%

D 78%

   Answer: A

Question 55

What is the least number of square tiles required to pave the floor of a room 15m 17cm long and 9m 43cm broad?

A 851

B 841

C 840

D 830

   Answer: A

Question 56

Let △ABC and △ABD be on the same base AB and between the same parallels AB and CD.Thenthe relation between areas of △ABC and △ABD will be:

A Area $(\triangle ABC) = \frac{1}{2}$ Area $(\triangle ABD)$

B Area $(\triangle ABC) =$ Area $(\triangle ABD)$

C Area $(\triangle ABD) = \frac{1}{3}$ Area $(\triangle ABC)$

D Area $(\triangle ABD) = \frac{1}{2}$ Area $(\triangle ABC)$

   Answer: B

Question 57

Out of four numbers the average of the first three is 16 and that of the last three is 15. If the last number is 21 then the first number is:

A 28

B 22

C 21

D 24

   Answer: D

Question 58

The Table shows the number of articles sold by six different sellers (A, B, C, D, E and F)to two different shopkeepers P and Q. Some articles are purchased by other sellers also. Total articles purchased by shopkeepers P and Q is 300 and 500 respectively.

Seller	P	Q
A	45	56
B	53	49
C	28	44
D	38	38
E	35	65
F	55	60

What is the difference between total articles sold to P and Q by all the sellers other than A, B, C, D, E and F?

A 162

B 142

C 152

D 172

Answer: B

Question 59

A contractor takes a contract to complete a road in 60 days and employed 105 labours. After 25 days, he found that one third work is completed. How many more labours he requires to complete the remaining work in time?

A 45

B 150

C 75

D 105

Answer: A

Question 60

A sum of ₹50,000 is lent partly at 4% and remaining at 5% per annum. If the yearly simple interest on the average is 4.6%, the two parts are:

A ₹22500, ₹27500

B ₹15000, ₹35000

C ₹20000, ₹30000

D ₹25000, ₹25000

Answer: C

Question 61

The Table shows the number of articles sold by six different sellers (A, B, C, D, E and F)to two different shopkeepers P and Q. Some articles are purchased by other sellers also. Total articles purchased by shopkeepers P and Q is 300 and 500 respectively.

Seller	P	Q
A	45	56
B	53	49
C	28	44
D	38	38
E	35	65
F	55	60

What is the average number of articles sold to shopkeeper P by the sellers A, B, C and D together?

A 42

B 41

C 44

D 43

  Answer: B

Question 62

Each wheel of a bus is making 7 revolutions per second. If the diameter of a wheel is 56 cm, then the speed of the bus (in cm/sec) would be:

A 616

B 1232

C 1000

D 176

  Answer: B

Question 63

A and B together can complete some work in 36 days, B and C together can complete the same work in 60 days, A and C together can complete the same work in 45 days. In how many days, B alone can complete the same work?

A 180 days

B 60 days

C 100 days

D 90 days

  Answer: D

Question 64

A sold his pen at a profit of ₹13. He calculated the profit percentage on selling price and foundit to be 20%. The cost price (in ₹) of the pen is:

A 52

B 65

C 39

D 13

  Answer: A

Question 65

$\sqrt{\frac{25.60}{72.90}} + \sqrt{\frac{0.10}{8.10}} = ?$

A $\frac{27}{30}$

B $\frac{27}{20}$

C $\frac{19}{27}$

D $\frac{27}{28}$

  Answer: C

Question 66

The ratio of cost price and selling price of an article is c : d. If d is 150% of c then the percentage of profit on cost price is:

A 150%

B 50%

C 100%

D 75%

  Answer: B

Question 67

In an office, there are 216 tables and 264 chairs. If $\frac{1}{6}$ of the tables and $\frac{1}{4}$ of the chairs are broken then how many people can workin the office if each person requires one table and one chair?

A 180

B 186

C 100

D 198

  Answer: A

Question 68

If three numbers are in the ratio 2 : 3 : 5 and the twice of their sum is 200. The square of the largest of three numbers is:

A 2500

B 1000

C 625

D 2250

  Answer: A

Question 69

What is the difference between 0.9 and 0.9%?

A 0.981

B 0.891

C 0.198

D 8.91

  Answer: B

Question 70

If $l : m : n = 1 : 2 : 4$, then $\sqrt{5l^2 + m^2 + n^2}$ is equal to:

A $4n$

B $5l$

C $2m$

D 5

  Answer: B

Question 71

A man invested a sum of money at compound interest. It amounted to ₹12100 in two years and to ₹13310 in three years. The rate of interest per annum is:

A 11%

B 9.5%

C 12.5%

D 10%

  Answer: D

Question 72

Two trains each having a length of 160 meters moving in opposite direction crossed each other in 9 seconds. If one train crossed a 200-metre-long platform in 18 seconds,then the ratio of their speeds is:

A 2 : 3

B 9 : 7

C 5 : 8

D 3 : 4

  Answer: B

Question 73

How many cubes with a side 10 cm can be cut out of a cube having side of 10 metre?

A 10,000

B 1,00,00,000

C 1,00,000

D 10,00,000

   Answer: D

Question 74

A man goes to a place on car at speed of 160 km/h and comes back at lower speed. If the average speed is 64 km/h in total, then the return speed (in km/h) is:

A 25

B 80

C 40

D 60

   Answer: C

Question 75

Compute $(15 + 3 \times 1.1) \div 0.0003$

A 61000

B 122000

C 16100

D 30500

   Answer: A

General knowledge

Instructions

For the following questions answer them individually

Question 76

With reference to the development of a country, which of the following countries is associated to the Gross National Happiness?

A Bhutan

B Belgium

C Bangladesh

D Indonesia

   Answer: A

Question 77

Which Central agency issues currency notes on behalf of Central Government?

A   IRDA

B   SEBI

C   Reserve Bank of India

D   State Bank of India

   Answer: C

Question 78

Who maintains Buffer Stock of Food Grains in India?

A   NAFED

B   FICCI

C   Ministry of Agriculture

D   FCI

   Answer: D

Question 79

Which of the following is associated to the Sanskrit Mahabharata?

A   Gitagovinda

B   Yuddha Kanda

C   Shanti Parva

D   Kathasaritsagar

   Answer: C

Question 80

Anthrax is caused by :

A   Virus

B   Bacteria

C   Fungus

D   Protozoa

   Answer: B

Question 81

Hypothalamus is part of which organ of the Human body?

A   Brain

B   Heart

C   Spinal Cord

D   Liver

   Answer: A

Question 82

Which team won Asia Cup 2018 held in UAE?

A   Sri Lanka

B   India

C   Pakistan

D   Bangladesh

   Answer: B

Question 83

Which of the following is a harvest festival of India?

A   Darpka Teshi

B   Lohri

C   Teej

D   Bonalu

   Answer: B

Question 84

In which Congress Session, was the demand for 'Purna Swaraj' adopted?

A   Karachi Session

B   Surat Session

C   Kanpur Session

D   Lahore Session

   Answer: D

Question 85

Who among the following Indian has NOT received the 'Nobel Prize'?

A   Mother Teresa

B   Kailash Satyarthi

C   Amartya Sen

D   Dr. A.P.J Abdul Kalam

   Answer: D

Question 86

Trimbakeshwar is the source of which of the following rivers?

A   Godavari

B   Kaveri

C   Krishna

D   Mahanadi

   Answer: A

Question 87

'My Life, My Mission' is an autobiography of _____.

A   Baba Ramdev

B   Guru Ram Rahim

C   Ratan Tata

D   Mahatma Gandhi

   Answer: A

Question 88

Who conducts the elections of Lok Sabha in India?

A   Election Commission

B   Union Public Service Commission

C   Delimitation Commission

D   Parliament

   Answer: A

Question 89

Which act of British Parliament transferred the powers of the East India Company to British Crown?

A   Charter Act, 1853

B   Charter Act, 1835

C   Govt of India Act, 1858

D   Charter Act, 1818

  Answer: C

Question 90

The Chaiturgarh Fort in Korba, Chhattisgarh is home to a famous and unique temple. Which is that temple?

A   Adi Shankaracharya temple

B   Varaha Murthy temple

C   Yudhistira temple

D   Mahishasur Mardini temple

  Answer: D

Question 91

Which of the following awards is given to recognise players 'Lifetime Achievement in Sports'?

A   Dronacharya Award

B   Dhyan Chand Award

C   Rajiv Ghandi Khel Ratna

D   Arjuna Award

  Answer: B

Question 92

Who has been appointed as Chief of RAW on June 26, 2019?

A   Arvind Kumar

B   Mohan Ranade

C   Alok Vardhan

D   Samant Goel

  Answer: D

Question 93

India is separated from Sri Lanka by _____.

A   Palk Strait

B   9° Channel

C   10° Channel

D   Dover Strait

  Answer: A

Question 94

What is the colour of copper sulphate?

A Colourless

B Blue

C Black

D Red

   Answer: B

Question 95

Which of the following rivers drains into the Bay of Bengal?

A Krishna

B Sutlej

C Tapi

D Narmada

   Answer: A

Question 96

Which of the following is NOT a Federal country?

A Canada

B Brazil

C China

D Australia

   Answer: C

Question 97

Forming of Association in India is _____.

A Fundamental Right

B Legal Right

C Natural Right

D Constitutional Right

   Answer: A

Question 98

The archaeological site of Koldihwa is located at:

A Maharashtra

B Bihar

C Uttar Pradesh

D Madhya Pradesh

   Answer: C

Question 99

Which of the following pairs of Base-Source are correctly matched?

A Calcium Hydroxide - Soap

B Sodium Hydroxide - Milk of magnesia

C Ammonium Hydroxide - Window cleaner

D Magnesium Hydroxide - Lime water

   Answer: C

Question 100

Process of Coating of iron with zinc to protect it from rusting is known as _____.

A Sedimentation

B Neutralisation

C Galvanisation

D Salinization

   Answer: C