

SSC MTS 19th August 2019 Shift-1

English

Instructions

For the following questions answer them individually

Question 1

Select the correctly spelt word.

- A Foriegn
- B Foaurth
- C February
- D Foward

Answer: C

Question 2

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.

If I _____ that you were coming over, I would have cancelled my programme.

- A know
- B knows
- C had known
- D am knowing

Answer: C

Question 3

Select the most appropriate word for the given group of words.

An animal that lives by killing and eating other animals

- A Amphibian
- B Prey
- C Predator
- D Quadruped

Answer: C

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:

Throughout the ages, birds have been a source of wonder to all who have (1)_____ their soaring flight or listened to (2)_____ sweet songs. As a group, birds are (3)_____. They are the only creatures covered (4)_____ feathers. This evolutionary development (5)_____ birds from all other animals.

Question 4

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

- A claimed
- B verified
- C observed
- D supported

Answer: C

Question 5

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

- A them
- B its
- C their
- D they

Answer: C

Question 6

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

- A mundane
- B unique
- C indifferent
- D ordinary

Answer: B

Question 7

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

- A on
- B at
- C with
- D from

Answer: C

Question 8

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

- A is separated
- B has been separated
- C separates
- D was separated

Answer: C

Instructions

For the following questions answer them individually

Question 9

Identify the segment in the sentence which contains the grammatical error. If there is no error, select 'No Error'.

Sushmita's youngest sister is not only beautiful but even intelligent also.

- A but even intelligent also
- B is not only beautiful
- C No Error
- D Sushmita's youngest sister

Answer: A

Question 10

Select the correctly spelt word.

- A Wednesday
- B Worthwile
- C Wayther
- D Weird

Answer: D

Question 11

Select the most appropriate antonym of the word.

APPLAUD

- A Cheer
- B Criticize
- C Praise
- D Clap

Answer: B

Question 12

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
I wasn't feeling well yesterday, but I feel a little _____ today.

- A more better
- B best
- C better
- D good

Answer: C

Question 13

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
A little carefulness can have averted the accident.

- A can averted
- B could have averted
- C could have avert
- D No improvement

Answer: B

Question 14

Select the most appropriate word to fill in the blank and make a meaningful sentence.
It's a venue for every occasion and one that offers _____ meals on special days.

- A offensive
- B amusing
- C thrilling
- D delightful

Answer: D

Question 15

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 had to reconsider my decision as going to Syria might been dangerous.

- A had to be
- B might have been
- C may have
- D No improvement

Answer: B

Question 16

Select the most appropriate word to fill in the blank and make a meaningful sentence.
Winning both the races has been a _____ surprise, but the success is well deserved.

- A** satisfying
- B** pleasant
- C** civilized
- D** charming

Answer: B

Question 17

Select the most appropriate meaning of the given idiom.
No strings attached

- A** Without conditions or restrictions
- B** Forced to do something
- C** Involving a choice to be made
- D** Lacking clarity

Answer: A

Question 18

Select the most appropriate synonym of the given word.
ABANDONED

- A** Continued
- B** Adopted
- C** Initiated
- D** Deserted

Answer: D

Question 19

Select the most appropriate meaning of the given idiom.
When pigs fly

- A** A difficult situation
- B** An argument between two people
- C** A practical idea
- D** A time that will never come

Answer: D

Question 20

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

- A** Cleared
- B** Crowded
- C** Choked
- D** Crammed

Answer: A

Question 21

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

- A** Unlucky
- B** Adverse
- C** Favourable
- D** Crucial

Answer: C

Question 22

**Identify the segment in the sentence which contains the grammatical error.
After a heated argument they went to their respective place.**

- A** they went
- B** After a heated argument
- C** respective place
- D** to their

Answer: C

Question 23

**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
While the teacher was scrutinizing the sums, Swaminathan was gazing on his face.**

- A** gaze on
- B** No improvement

C gazed at

D gazing at

Answer: D

Question 24

**Select the most appropriate word for the given group of words.
A large crowd of people intent on causing trouble or violence**

A Mob

B Procession

C Spectators

D Audience

Answer: A

Question 25

**Identify the segment in the sentence which contains the grammatical error.
Ram cannot withdraw all his money unless he does not give a prior notice.**

A all his money

B Ram cannot withdraw

C a prior notice

D unless he does not give

Answer: D

Reasoning

Instructions

For the following questions answer them individually

Question 26

If in a certain code language, 'RAW' is written as 'TIN', 'NET' is written as 'SHG', how is 'WATER' written in that code?

A GHTIN

B TINGH

C NIGHT

D NIGTH

Answer: C

Question 27

If in a certain language, 'EXECUTIVE' is coded as 'EVITUCEXE' then how is 'MAUSOLEUM' coded in that language?

- A AUUCOSLMM
- B MUELOSUAM
- C MUELOSUMA
- D ALUEOSUMM

Answer: B

Question 28

Select the letter cluster that will replace the question mark (?) in the following series. ACEGI, BDFHJ, KMOQS, ? , UWYAC, VXZBD

- A PQRTV
- B LPRTV
- C TUVWX
- D LNPRT

Answer: D

Question 29

If in a certain code language 'BHAI' is written as '2819', then how will 'CDGH' be written in that language?

- A 3478
- B 8437
- C 3487
- D 7348

Answer: A

Question 30

Six persons B, C, D, F, G and H are sitting in a row facing the north.

B and C are sitting at the ends.

F is sitting second to the left of C.

D is adjacent to both B and H.

What is the position of G with respect to F?

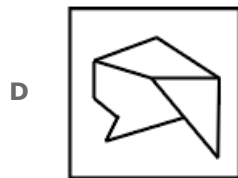
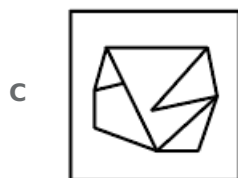
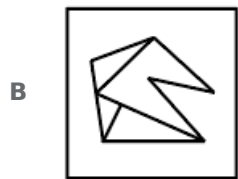
- A Immediate right
- B Immediate left
- C Second to the left

D Second to the right

Answer: A

Question 31

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



Answer: A

Question 32

If '+' means '-', '-' means '×', '÷' means '+' and '×' means '÷', then

$$10 \times 5 \div 3 - 2 + 3 = ?$$

A 5

B 21

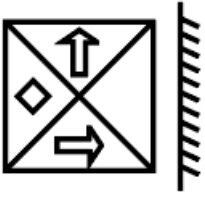
C $\frac{53}{3}$

D 18

Answer: A

Question 33

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: C

Question 34

If B = 2 and BUT = 43 then BOSS = ?

A 56

B 59

C 55

D 57

Answer: C

Question 35

Select the option that is related to the third term in the same way as the second term is related to the first term.

Genuine : Authentic :: Mirage : ?

- A Reflection
- B Image
- C Illusion
- D Hideout

Answer: C

Question 36

Select the number that can replace the question mark (?) in the following series.

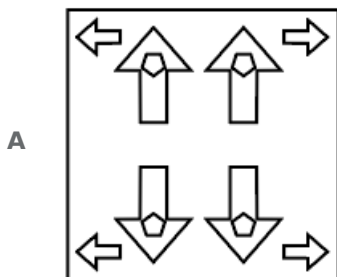
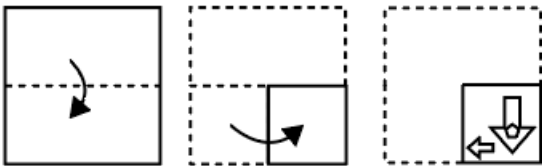
2807, 1400, 697, ? , 171, 84

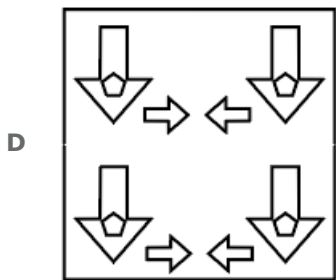
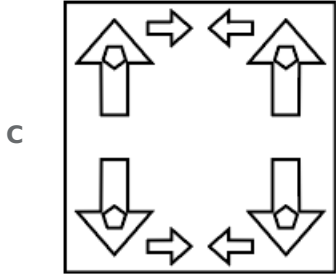
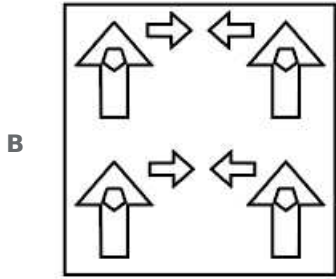
- A 697
- B 84
- C 371
- D 346

Answer: D

Question 37

The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

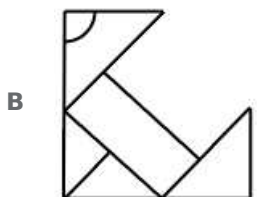
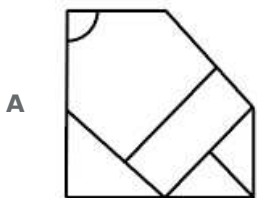
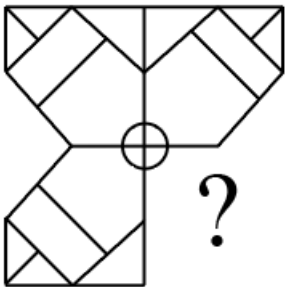


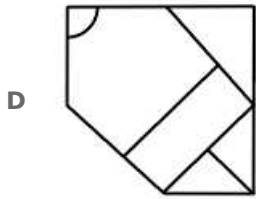
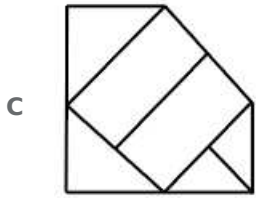


Answer: C

Question 38

Study the given pattern carefully and select the figure that can replace the question mark (?) in it.





Answer: A

Question 39

'Lion' is related to 'Cub' in the same way as 'Cow' is related to ____.

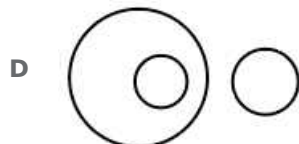
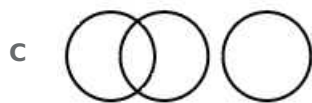
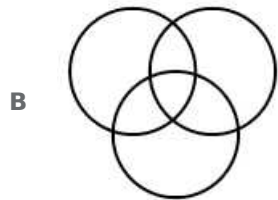
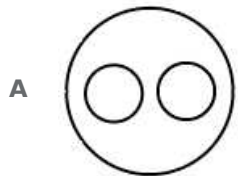
- A Calf
- B Lamb
- C Foal
- D Joey

Answer: A

Question 40

Choose the Venn diagram from the given options which best represents the relationship amongst the following classes:

Fishes, sharks, dolphins



Answer: D

Question 41

Select the number that can replace the question mark (?) in the following series.

-1, 5, 23, 59, 119, 209,?

A 409

B 309

C 335

D 289

Answer: C

Question 42

If '#' means '+', '@' means 'x', '&' means '/' and '\$' means '-' then

$200 \& 5 @ 3 \$ 20 \# 5 = ?$

A 105

B 100

C 85

D 120

Answer: A

Question 43

Six friends A, B, C, D, E and F are sitting around a round table facing the centre. A sits second to the right of B, E sits second to the left of C. B doesn't sit adjacent to E. D does not sit opposite to E or C. Who sits to the immediate left of E?

A A

B D

C B

D C

Answer: A

Question 44

Five friends A, B, C, D and E bought cars which were priced differently. B's car was costlier than C's car but was less costly than E's car. A's car was costlier than D's car but less costly than C's car. Whose car was the 2nd costliest?

A E

B A

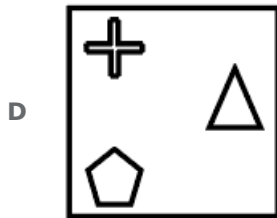
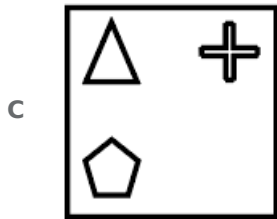
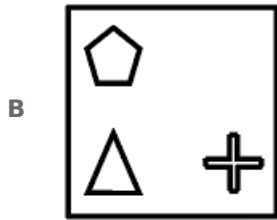
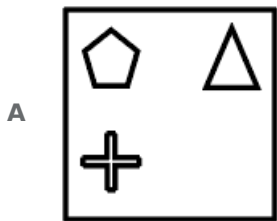
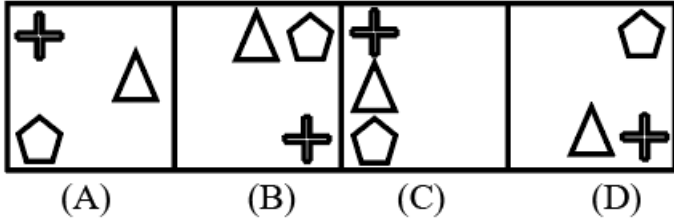
C B

D C

Answer: C

Question 45

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



Answer: D

Question 46

If $4 + 5 = 41$ and $10 + 12 = 244$, then $6 + 8 = ?$

A 200

B 88

C 96

D 100

Answer: D

Question 47

Select the option that is related to the third term in the same way as the second term is related to the first term.

CINQ : EKPS :: FRGS : ?

A HTIU

B HITU

C ITJU

D HTUI

Answer: A

Question 48

Two statements are given, followed by two conclusions numbered I and II. 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.

Statement:

I. All tables are books.

II. All pens are books.

Conclusions:

I. Some tables are pens.

II. Some books are pens.

A Only conclusion II follows

B Only conclusion I follows

C Either conclusion I or conclusion II follows

D Both conclusion I and conclusion II follow

Answer: A

Question 49

Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

Only white colour vehicles should be allowed in India for promoting peace.

Conclusions:

I. Blue colour vehicles promote peace.

II. White colour vehicles promote peace

A Only Conclusion I follows.

B Only Conclusions II follows.

C Neither conclusion I nor conclusion II follow

D Either conclusion I or conclusion II follows.

Answer: B

Question 50

Select the option that is related to the third term in the same way as the second term is related to the first term.

147 : 159 :: 167 : ?

A 276

B 143

C 176

D 181

Answer: D

Quant

Instructions

For the following questions answer them individually

Question 51

Pipe A can fill a tank in 10 hours. Pipe B can fill the same tank in 12 hours. Pipe C can empty the full tank in 16 hours. All the pipes are opened at 8 : 00 A.M. and Pipe A and B are closed at 10 : 00 A.M. After how much time from starting will the tank be empty?

A 5 hours 52 minutes

B 5 hours 24 minutes

C 4 hours 30 minutes

D 4 hours 8 minutes

Answer: A

Question 52

The volume of a right circular cylinder is 3 times the volume of a right circular cone. The radius of the cone and the cylinder are 3 cm and 6 cm respectively. If the height of the cylinder is 1 cm, then what is the slant height of the cone?

A $\sqrt{13}$ cm

B 4 cm

C 5 cm

D $\sqrt{15}$ cm

Answer: C

Question 53

Cost price of an article is ₹1440 and its selling price is ₹1800. What is the profit percentage?

- A 15%
- B 25%
- C 20%
- D 12.5%

Answer: B

Question 54

What is the greatest number which can exactly divide 192, 1056 and 1584?

- A 48
- B 56
- C 44
- D 36

Answer: A

Question 55

The sum of two numbers x and y is 48 and their difference is 6. Then $x : y = ?$

- A 8 : 9
- B 7 : 6
- C 9 : 7
- D 3 : 7

Answer: C

Question 56

A sum is divided between two persons in the ratio 3 : 2. If one person got ₹12 less than the other person, then what is the sum?

- A ₹60
- B ₹50
- C ₹72
- D ₹44

Answer: A

Question 57

What is the compound interest on ₹5000 in 2 years at the rate of 20% per annum?(interest compounded half yearly)

- A** ₹2340.50
- B** ₹2275.50
- C** ₹2290.50
- D** ₹2320.50

Answer: D

Question 58

The ratio of two numbers is 2 : 1. If each number is increased by 5, then the new ratio becomes 3 : 2. What is the sum of the numbers?

- A** 15
- B** 45
- C** 30
- D** 20

Answer: A

Question 59

12.5% of A = 55. What is the value of A?

- A** 480
- B** 500
- C** 440
- D** 550

Answer: C

Question 60

Average age of 12 students is 14 years. If the age of teacher is also included, the average becomes 15 years. What is the age of the teacher?

- A** 23 years
- B** 25 years
- C** 27 years
- D** 28 years

Answer: C

Question 61

The volume of a sphere is $36\pi \text{ cm}^3$. What is the radius of the sphere?

- A 4 cm
- B 2 cm
- C 5 cm
- D 3 cm

Answer: D

Question 62

The Table presents the amount of milk (in litres) sold by two milkmen in eight days.

Days	Milkman 1	Milkman 2
1	28	31
2	34	32
3	38	43
4	37	41
5	53	49
6	58	59
7	63	62
8	67	69

What is the difference between the average milk sold per day by Milkman 1 and the average milk sold by Milkman 2 per day?

- A 2 litre
- B 3 litre
- C 1 litre
- D 4 litre

Answer: C

Question 63

A 600 metres long train can cross a 1200 metres long platform in 36 seconds. In how much time(in seconds) can it cross a bridge 2200 metres long?

- A 56
- B 52
- C 48
- D 44

Answer: A

Question 64

The Table presents the amount of milk (in litres) sold by two milkmen in eight days.

Days	Milkman 1	Milkman 2
1	28	31
2	34	32
3	38	43
4	37	41
5	53	49
6	58	59
7	63	62
8	67	69

If A is the total amount(in litres) of milk sold by milkman 1 in day 2 and day 3, and B is the total amount(in litres) of milk sold by milkman 2 in day 7 and day 8 then (B — A) is equal to:

- A 59
- B 56
- C 58
- D 57

Answer: A

Question 65

A sum becomes ₹500 in 5 years and ₹600 in 7 years at a certain rate percent p.a at of simple interest. What is the sum?

- A ₹300
- B ₹400
- C ₹200
- D ₹250

Answer: D

Question 66

What is the value of:

$$2 - 2 \div 2 \times 2 + 2(2 \text{ of } 2 - 2 - 2 \div 2)?$$

- A 4
- B 0
- C 2
- D 1

Answer: C

Question 67

The difference between the selling prices of an article is ₹1440, when it is sold at 20% profit and 17.5% loss. What will be the selling price when it is sold at 15% profit?

A ₹4108

B ₹4218

C ₹4612

D ₹4416

Answer: D

Question 68

What are respectively the curved surface area and volume of a hemisphere of radius 21 cm? (Take $\pi = \frac{22}{7}$)

A 2772 cm^2 , 19404 cm^3

B 4158 cm^2 , 19404 cm^3

C 2772 cm^2 , 4158 cm^3

D 2772 cm^2 , 9702 cm^3

Answer: A

Question 69

Speed of a man is 45 km/h. In how much time (in seconds) will he cover a distance of 225 metres?

A 24

B 16

C 18

D 22

Answer: C

Question 70

A can do a piece of work alone in 10 days, whereas B alone can do it in 15 days. They work together and get ₹2000 for their work. What is the share of B?

A ₹1200

B ₹800

C ₹1000

D ₹1600

Answer: B

Question 71

Average of 10 numbers is 14.8. If two numbers 5 and 23 are replaced by 13 and 26 respectively, then what is the new average?

- A 15.9
- B 13.8
- C 16.3
- D 14.5

Answer: A

Question 72

The Table presents the amount of milk (in litres) sold by two milkmen in eight days.

Days	Milkman 1	Milkman 2
1	28	31
2	34	32
3	38	43
4	37	41
5	53	49
6	58	59
7	63	62
8	67	69

The total amount of milk (in litres) sold by milkman in all 8 days is what percent(correct to one decimal place) more than the total amount of milk sold by milkman 1 in first six days?

- A 55.6
- B 57.2
- C 56.8
- D 58.9

Answer: A

Question 73

What is difference between mean and median of the given data: 4, 6, 3, 7, 10, 13, 16 and 5?

- A 5
- B 1.5
- C 3
- D 4.5

Answer: B

Question 74

What is the value of:

$$3^3 - \frac{61}{122} + \frac{9}{2} \div \frac{1}{2} \text{ of } \frac{4}{3} \left(1 + \frac{1}{3}\right) + \frac{1}{2} \times \frac{4}{3}?$$

- A $\frac{155}{12}$
- B 3

C $\frac{163}{11}$

D 9

Answer: A

Question 75

Marked price of an article is ₹1500. If $16\frac{2}{3}\%$ discount is given, then what is the selling price?

A ₹1000

B ₹1300

C ₹1250

D ₹1150

Answer: C

General knowledge

Instructions

For the following questions answer them individually

Question 76

In terms of total land area what is India's rank in the world in the list of largest countries?

A 4

B 5

C 6

D 7

Answer: D

Question 77

'Akbarname' and 'Ain-i-Akbari' are written by _____.

A Akbar

B Ziauddin Barani

C Abul Fazal

D Abdul Qadir Badayuni

Answer: C

Question 78

Kapaleeswarar Temple in Tamil Nadu is dedicated to which Indian God?

- A Vishnu
- B Durga
- C Brahma
- D Shiva

Answer: D

Question 79

The percentage of deposits which a bank must keep as cash reserves with itself is known as _____.

- A Liquidity Reserve Ratio
- B Statutory Liquidity Ratio
- C Capital Output Ratio
- D Cash Reserve Ratio

Answer: D

Question 80

Where is the head office of Vijaya Bank situated?

- A Kolkata
- B Bangalore
- C Mumbai
- D Delhi

Answer: B

Question 81

Which Organisation has won the 2018 Indira Gandhi Prize for Peace Disarmament and Development?

- A Centre for Science and Environment
- B NITI Aayog
- C Peace for India
- D Wildlife International

Answer: A

Question 82

Members of which National Association were led by Chandrashekhar Azad and Bhagat Singh?

- A Hindustan Socialist Republican Association
- B Indian National Congress

- C Rashtiya Sewa Sangh
- D Communist Party of India

Answer: A

Question 83

With reference to the famous monastries of India, which of the following pairs is incorrect?

- A Tawang-Arunachal Pradesh
- B Key-Himachal Pradesh
- C Rumtek-Sikkim
- D Ghum-Jammu and Kashmir

Answer: D

Question 84

Atoms of different elements with different atomic numbers, having same mass number is known as _____.

- A Isobars
- B Isohalines
- C Isotopes
- D Ion

Answer: A

Question 85

Bathukamma festival is celebrated in which state of India?

- A Punjab
- B Telangana
- C Uttar Pradesh
- D Maharashtra

Answer: B

Question 86

Which of the following is NOT a type of Fungi?

- A Agarics
- B Penicillium

C Gonyaulax

D Aspergillus

Answer: C

Question 87

Which of the following is NOT a coastal landform?

A Moraines

B Sea Cliff

C Sea Caves

D Sea Stacks

Answer: A

Question 88

Who won Hero Indian Super League 2018-19?

A Kerala Blasters

B FC Goa

C Bengaluru FC

D Atletico de Kolkata

Answer: C

Question 89

Paytm partnered with which of the following institutions to help customers make insurance premium payments online in November 2018?

A United India Insurance

B Life Insurance Corporation

C General Insurance Company

D Oriental Insurance Company

Answer: B

Question 90

The commonly used Vitamin B Complex is constituted of how many vitamins?

A 8

B 12

C 10

D 6

Answer: A

Question 91

When did the Constituent Assembly adopt the Constitution of India?

- A 26th November 1949
- B 26th January 1950
- C 26th November 1947
- D 26th January 1947

Answer: A

Question 92

Exchange of gases occurs through which part of the plant tissue?

- A Phloem
- B Stomata
- C Xylem
- D Midrib

Answer: B

Question 93

As of January 2019, Agriculture as a subject is included in which list of the Constitution?

- A Residuary Powers
- B Union list
- C State List
- D Concurrent List

Answer: C

Question 94

India lifted South Asian Football Federation SAFF Women's Championship for how many times in a row in March 2019?

- A 3rd
- B 6th
- C 4th
- D 5th

Answer: D

Question 95

The Right of Children to Free and Compulsory Education (RTE) Act, which gives every child aged 6-14 the fundamental right for education, was assented to in which year?

- A** 2001
- B** 1975
- C** 2009
- D** 1947

Answer: C

Question 96

In which year was the Battle of Saragarhi fought?

- A** 1880
- B** 1870
- C** 1897
- D** 1890

Answer: C

Question 97

The largest inhabited riverine island is located on which river?

- A** Brahmaputra
- B** Godavari
- C** Ganga
- D** Krishna

Answer: A

Question 98

Which of the following is known as energy currency of the cell?

- A** Adenosine Diphosphate
- B** Adenosine Triphosphate
- C** Glycine Triphosphate
- D** Adenosine Phosphate

Answer: B

Question 99

Which film has won the IIFA best film Award 2018?

- A** Mom
- B** Newton
- C** Tumhari Sulu
- D** Hindi Medium

Answer: C

Question 100

The Battle of Karnal in 1739 was fought between Nadir Shah and whom among the following?

- A** Akbar Shah
- B** Bahadur Shah Zafar
- C** Aurangzeb
- D** Muhammad Shah

Answer: D

SSC MTS 19th August 2019 Shift-2

English

Instructions

For the following questions answer them individually

Question 1

Select the most appropriate synonym of the given word.

ANTHOLOGY

- A Legacy
- B Currency
- C Collection
- D Inheritance

Answer: C

Question 2

Select the most appropriate meaning of the given idiom.

Get the ball rolling

- A To spin the ball
- B To start doing something
- C To have an active lifestyle
- D To cheer someone up

Answer: B

Question 3

Select the most appropriate antonym of the word.

ABUNDANT

- A Plentiful
- B Ample
- C Copious
- D Scarce

Answer: D

Question 4

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

Emperor Ashoka have conquered Kalinga before he embraced Buddhism.

- A No Improvement
- B had conquered

- C was conquering
- D has conquered

Answer: B

Question 5

Select the most appropriate synonym of the given word.

ABSOLVED

- A Boycotted
- B Punished
- C Soulded
- D Pardoned

Answer: D

Question 6

Select the correctly spelt word.

- A Occurrence
- B Occassion
- C Ommision
- D Ocoupasion

Answer: A

Question 7

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

Whom you think, will be selected as the Head Boy of the school?

- A Which you thought
- B Whom you thinking
- C No Improvement
- D Whe do you think

Answer: D

Question 8

Select the correctly spelt word.

- A Pompus

- B** Possession
- C** Potantial
- D** Posibilty

Answer: B

Question 9

**Select the most appropriate word for the given group of words.
A person whois recovering afteran illness or medical treatment.**

- A** Athlete
- B** Convalescent
- C** Senile
- D** Altruist

Answer: B

Question 10

**Identify the segment in the sentence which contains the grammaticalerror.
Platinum is costlier than any other metals found on earth.**

- A** found on earth
- B** Platinum is
- C** any other metals
- D** costlier than

Answer: C

Question 11

**Select the most appropriate option tofill in the blank and make a grammatically correct sentence.
Our neighbours threatened to call the police if we _____ stop the noise.**

- A** hasn't
- B** heven't
- C** didn't
- D** don't

Answer: C

Question 12

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

- A** Faithful

- B Deceitful
- C Distoyal
- D Dangerous

Answer: A

Question 13

Select the most appropriate word to fill in the blank and make a meaningful sentence.
He was physically strong and became a climber of high rocky cliffs.

- A daring
- B timid
- C fearful
- D unwilling

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 century ago the process of choosing a career was a (1)..... matter than it is today. A boy often (2)..... in his father's footsteps. A girl learned (3)..... household skills that helped her to (4)..... a good wife and mother. Now-a-days (5)..... people grow up in a much freer society where they enjoy unlimited career opportunities.

Question 14

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

- A simple
- B simpler
- C more simpler
- D simplest

Answer: B

Question 15

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

- A worked
- B chased
- C chose
- D followed

Answer: D

Question 16

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

- A an
- B each
- C a
- D the

Answer: D

Question 17

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

- A becomes
- B becoming
- C became
- D become

Answer: D

Question 18

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

- A young
- B old
- C sensible
- D mature

Answer: A

Instructions

For the following questions answer them individually

Question 19

Identify the segment in the sentence which contains the grammatical error. If no error then select 'No error'.

She wanted to bake a cake for both her brothers.

- A She wanted
- B No error
- C to bake a cake
- D for both her brothers

Answer: B

Question 20

Select the most appropriate word to fill in the blank and make a meaningful sentence.
He had his own line of thinking and would defend his views with ___.

- A conversion
- B conviction
- C convention
- D conversation

Answer: B

Question 21

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

I courteously asked her where was she going but she did not reply.

- A was she gone
- B No improvement
- C she was going
- D will she go

Answer: C

Question 22

Select the most appropriate meaning of the given idiom.

A change of heart

- A To have a heart transplant
- B A change in one's opinion
- C To have a second opinion
- D To fail to fulfil a promise

Answer: B

Question 23

Select the most appropriate word for the given group of words.

The fear of being enclosed in a small space or room

- A Claustrophobia
- B Acrophobia
- C Aerophobia

D Hydrophobia

Answer: A

Question 24

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
I was annoyed because the decision without my knowledge.

A had made

B was made

C were made

D was make

Answer: B

Question 25

Identify the segment in the sentence which contains the grammatical error.
He sat in his stool and shut his eyes to recollect what work he had for the day.

A he had for the day

B He sat in his stool

C to recollect what work

D and shut his eyes

Answer: B

Reasoning

Instructions

For the following questions answer them individually

Question 26

(i) Five boys A, B, C, D, E are sitting in a park in a circle.

(ii) A is facing south-west and D is facing south-east.

(iii) B and E are right opposite A and D respectively.

(iv) C is equidistant between D and B.

Which direction is C facing?

A South

B West

C North

D East

Answer: D

Question 27

Among A, B, C, D and E each having a different weight, D is heavier than A and E, while is lighter than C who is lighter than E. Who among them is the heaviest?

A C

B B

C A

D D

Answer: D

Question 28

Select the option that is related to the Fourth term in the same way as the first term is related to the second term.

Pinna : Ears :: ? : Eyes

A Vision

B Cornea

C Corns

D Anvil

Answer: B

Question 29

Which sequence of mathematical symbols can replace * in the given equation:

8 * 5 * 9 * 31

A ×, −, =

B −, =, ×

C =, ×, −

D −, ×, =

Answer: A

Question 30

Select the correct option that will complete the series.

15, 31, ?, 127, 255

A 51

B 47

C 63

D 89

Answer: C

Question 31

'Eraser' is related to the 'Stationery' in the same wayas 'Saucer' is related to '.....'

- A Table
- B Football
- C Tea
- D Crockery

Answer: D

Question 32

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. All dens are hens.

II. All pens are hens.

III. All yens are hens.

Conclusions:

I. Some pens are dens.

II. Some yens are dens.

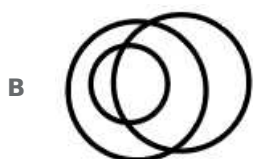
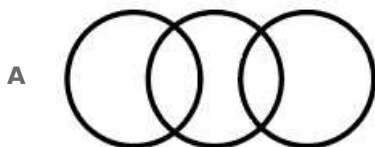
- A Only concusion I follows
- B Either conclusion I or II foliows
- C Only conclusion II follows
- D Neither Conclusion I nor II follows

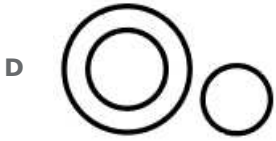
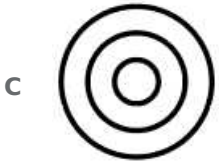
Answer: D

Question 33

Select the Venn diagram that best represents the given set of classes.

Silver, gold, jewellery





Answer: A

Question 34

Select the option that is related to the third term in the same way as the second term is related to the first term.

AJET : CHGR :: GKQN : ?

A IISL

B SIIL

C IILS

D ISIL

Answer: A

Question 35

Select the letter-Cluster that can replace the question mark(?) in the following series.

ACZ, EGV, HJS, JLQ, ?

A LMO

B LNO

C KNO

D KMP

Answer: D

Question 36

Select the option that is related to the third term in the same way as the second term is related to the first term.

4 : 60 :: 5 : ?

A 120

B 110

C 116

D 115

Answer: A

Question 37

In a certain code language. 'BREAK' is written as '23615455' How is 'XEROX' written in that code language?

- A 2410546024
- B 2410546012
- C 24105460120
- D 24154610

Answer: C

Question 38

In a code language, 'CERTAIN 'is written as 'XVIGZRM'. How will 'ACQUIRE be written as in that language?

- A ZXJFIRV
- B ZXJFRVI
- C ZXJFRIV
- D ZXJRFIV

Answer: C

Question 39

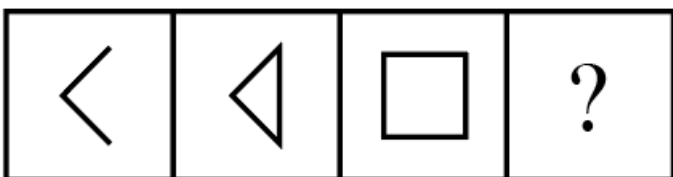
In a certain code 'FAIL is written as IFLA' and 'SOUL is written as 'USLO'. How is 'DUST' written in that code?

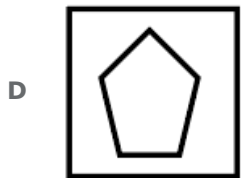
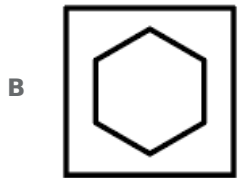
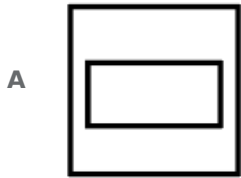
- A SOTU
- B STDU
- C STUD
- D SDUT

Answer: A

Question 40

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





Answer: D

Question 41

If P denotes ' \div ', Q denotes '+', R denotes ' \times ' and S denotes '-', then what is the value of the following equation?

$$100 \text{ S } 12 \text{ P } 72 \text{ R } 6 \text{ Q } 5 = ?$$

A 105

B 140

C 134

D 104

Answer: D

Question 42

In the following question, which of the two signs will be interchanged to get the correct equation?

$$119 - 21 \div 7 + 117 \times 3 = 11$$

A \div and \times

B $-$ and \times

C $-$ and $+$

D \div and $+$

Answer: A

Question 43

Choose the option that most closely resembles the mirror image of the given image when mirror is placed along the image as show below.



A



B



C



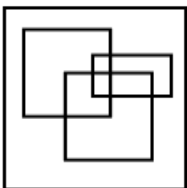
D

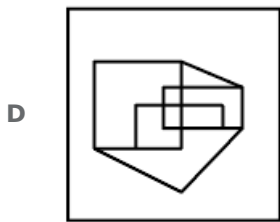
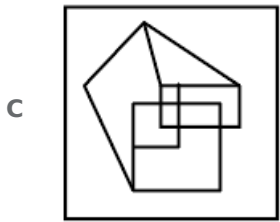
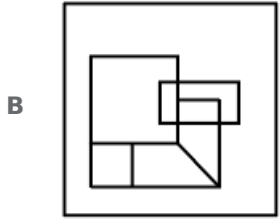
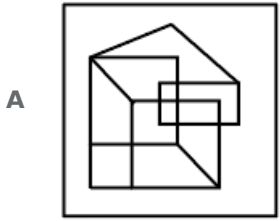


Answer: C

Question 44

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



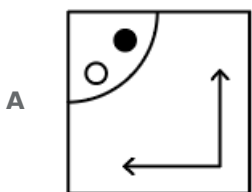
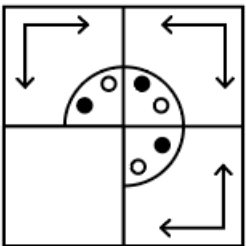


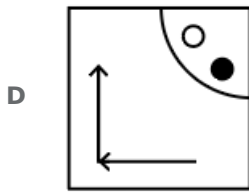
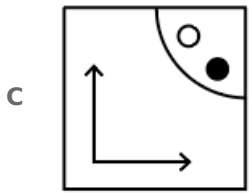
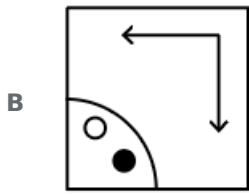
Answer: A

Question 45

Which answer figure will complete the pattern in the question figure?

Question Figure:





Answer: C

Question 46

Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

A very large number of students love dancing in rain rather than studying in class.

Conclusion:

I: Rain keeps students healthy.

II: Dancing is a good Exercise.

- A** Only conclusion I follows
- B** Neither conclusion I nor II follows
- C** Only conclusion II follows
- D** Both conclusions I and II follow.

Answer: B

Question 47

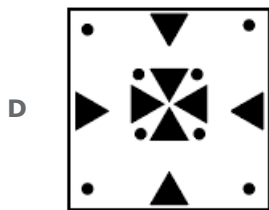
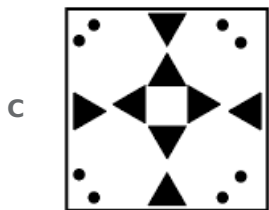
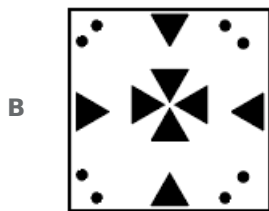
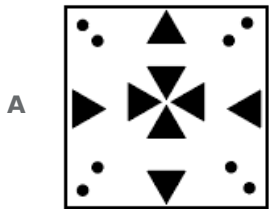
Seven kids M, N, O, P, Q, R and S are standing in a row facing North. S is to the immediate right of P and to the immediate left of N. M is on the immediate right of O. M and P have one kid standing between them. Q and N have two Kids between them. P and R have also two Kids standing between them. Who is exactly in the middle?

- A** P
- B** O
- C** S
- D** M

Answer: A

Question 48

A square transparent sheet with a pattern is given. How will the pattern appear When the transparent sheet is folded and punched along the dotted Line?



Answer: B

Question 49

If HE = 41, COMA = 76 then HERE will be equal to:

- A 56
- B 72
- C 58
- D 62

Answer: B

Question 50

Select the correct option that will complete the series.
900, 450, 90, 45, 9, ?

- A 6
- B 3
- C 4.5
- D 2.5

Answer: C

Quant

Instructions

For the following questions answer them individually

Question 51

What is the area of triangle having sides 35 cm, 84 cm and 91 cm?

- A 2160 cm^2
- B 1470 cm^2
- C 1880 cm^2
- D 1530 cm^2

Answer: B

Question 52

An amount is divided between Ram and Rabin in the ratio of 3 : 2. If Ram's share is ₹36000, then what is the total amount?

- A ₹60000
- B ₹72000
- C ₹90000
- D ₹40000

Answer: A

Question 53

A can do a work alone in 10 days. B can do the same work alone in 15 days. They start together but B leaves the job 2 days after start and A completes the remaining work alone. What is the total number of days in which the work is completed?

- A $\frac{17}{3}$
- B $\frac{13}{3}$
- C $\frac{31}{3}$

D $\frac{26}{3}$

Answer: D

Question 54

A boat can travel 10 km upstream and 20 km downstream in 7 hours. It can travel 20 km upstream and 10 km downstream in 11 hours. What is the speed of boat in still water?

A 4 km/h

B 2 km/h

C 6 km/h

D 8 km/h

Answer: C

Question 55

The ratio between two given numbers is 9 : 7. If each number is increased by 6, then the ratio becomes 21 : 17. What is the difference between the two given numbers?

A 16

B 8

C 4

D 12

Answer: B

Question 56

Aditya can complete a work in 24 days alone. Raman can complete the same work in 45 days alone. In how many days can they together complete the work?

A $\frac{720}{13}$

B $\frac{1080}{43}$

C $\frac{360}{23}$

D $\frac{960}{33}$

Answer: C

Question 57

What is the value of:

$$\left(1 - \frac{3}{4}\right) + \frac{1}{2} \text{ of } \frac{6}{10} \\ \frac{2}{3} \div \frac{4}{10} + \left(1 - \frac{1}{5}\right) \text{ of } \frac{25}{16} ?$$

A $\frac{33}{175}$

B $\frac{47}{115}$

C $\frac{29}{175}$

D $\frac{49}{115}$

Answer: A

Question 58

What is the value of

$3 \div 3 \text{ of } 3 + 2 \div 4 + (4 \times 2 - 2) \div 12 + 4?$

A $\frac{12}{5}$

B $\frac{16}{3}$

C $\frac{17}{6}$

D $\frac{14}{3}$

Answer: B

Question 59

The average weight of 13 students and their teacher is 24.5 kg. To the weight of the teacher is 31 kg. then what is the average weight of the 13 students?

A 23.5 kg

B 25 kg

C 24 kg

D 23 kg

Answer: C

Question 60

What is the difference between the mean and the median of the following data:

5, 7, 8, 13, 12, 14, 9, 2, 26, 10 ?

A 2.3

B 0.4

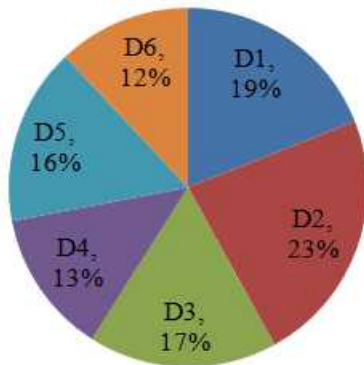
C 1.8

D 1.1

Answer: D

Question 61

The Pie chart given below presents the expenses incurred by different departments of a company. Each expense is shown as a percentage of total expenditure of the company. The central angles shown in Pie chart are not as per any chosen scale



If the total expenses of the company is ₹20 lakhs, then what is the total expenses on departments D2, D4 and D5?

- A ₹10,60,000
- B ₹10,40,000
- C ₹12,60,000
- D ₹9,00,000

Answer: B

Question 62

Speed of a car is 20 m/s. How much distance (in km) will the car travel in 2.5 hours?

- A 180
- B 108
- C 72
- D 144

Answer: A

Question 63

The height and radius of the right circular cone is 4 cm and 3 cm respectively. What is the total surface area of the cone?

- A $7\pi cm^2$
- B $24\pi cm^2$
- C $12\pi cm^2$
- D $16\pi cm^2$

Answer: B

Question 64

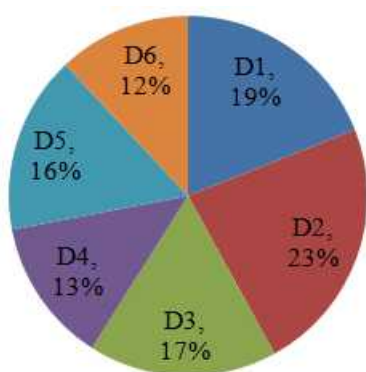
What is the HCF of 20, 250 and 120?

- A 25
- B 15
- C 10
- D 20

Answer: C

Question 65

The Pie chart given below presents the expenses incurred by different departments of a company. Each expense is shown as a percentage of total expenditure of the company. The central angles shown in Pie chart are not as per any chosen scale



The expenses incurred by department D1 is approximately what percent of the expenses incurred by department D6?

- A 158.33%
- B 138.33%
- C 148.33%
- D 168.33%

Answer: A

Question 66

If the lateral surface area of the cube is 144 cm^2 , then what is the length of its side?

- A 4 cm
- B 5 cm
- C 8 cm
- D 6 cm

Answer: D

Question 67

A purchased an article for ₹1400. He sold it to B at 25% profit, B sold it to C at 20% profit, C sold it to D at 15% loss. What is the cost price for D?

- A ₹2025
- B ₹1785
- C ₹1900
- D ₹1665

Answer: B

Question 68

The marked price of an article is $\frac{7}{5}$ of the cost price. If a discount of 20% is given on the marked price, then what is the profit percentage?

- A 15%
- B 18%
- C 22%
- D 12%

Answer: D

Question 69

₹3600 becomes ₹4900 in 2 years when kept at compound interest (compounded annually). What is the rate of interest per annum?

- A $17\frac{1}{3}\%$
- B $15\frac{2}{3}\%$
- C $18\frac{1}{3}\%$
- D $16\frac{2}{3}\%$

Answer: D

Question 70

If $u + v = 84$ and $u - v = 4$, then $u : v$ is equal to:

- A 10 : 9
- B 10 : 11
- C 11 : 10
- D 9 : 10

Answer: C

Question 71

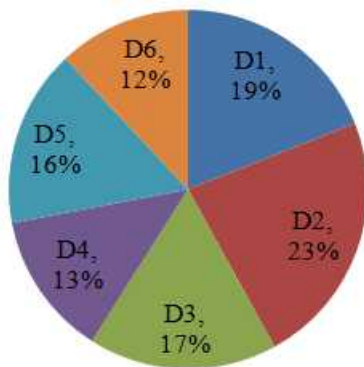
The sum of the cost prices of A and B is ₹1200, The sum of the selling prices of A and B is ₹1390. If the profits earned on A and B are 10% and 20%, respectively, then what is the ratio of the cost prices of A and B?

- A 7 : 13
- B 5 : 9
- C 5 : 7
- D 6 : 11

Answer: C

Question 72

The Pie chart given below presents the expenses incurred by different departments of a company. Each expense is shown as a percentage of total expenditure of the company. The central angles shown in Pie chart are not as per any chosen scale



What is the difference between the central angles subtended by the segments D2 and D3?

- A 18.6°
- B 15.3°
- C 24.2°
- D 21.6°

Answer: D

Question 73

What is the value of 12.5% of 30% of 1440?

- A 54
- B 50
- C 44
- D 64

Answer: A

Question 74

The average of a and b is 10, average of b and c is 12 and average of c and a is 15. What is the average of a, b and c?

- A 74
- B 37
- C $\frac{74}{3}$
- D $\frac{37}{3}$

Answer: D

Question 75

A sum is invested at simple interest. If the rate of interest is 20% per annum, then in how much time will it become double of itself?

- A 10 years
- B 4 years
- C 5 years
- D 8 years

Answer: C

General knowledge

Instructions

For the following questions answer them individually

Question 76

'Mushroom Rocks' are found in which type of physiographic area?

- A Coastal Plains
- B Plateau
- C Desert
- D Mountains

Answer: C

Question 77

The sole temple of Lord Brahma is located in which city of India?

- A Jaipur
- B Pushkar

- C Delhi
- D Udaipur

Answer: B

Question 78

Plants that don't have a well-differentiated body design are called

- A Gymnosperms
- B Thallophytes
- C Bryophytes
- D Fungi

Answer: B

Question 79

Which of the following is NOT true regarding Payment bank?

- A Credit cards can be issued
- B No NRI deposits
- C Priority sector lending is NOT mandatory
- D CRR/SLR requirements must be fulfilled

Answer: A

Question 80

Which of the following hills is NOT found in Indian Peninsular Plateau?

- A Veliconda
- B Javadi
- C Lushai
- D Nallamala

Answer: C

Question 81

In which part of modern India was the famous Battle of Plassey fought in 1757?

- A Punjab
- B Ladakh
- C Rajasthan
- D West Bengal

Answer: D

Question 82

Which of the following book is NOT written by Jawaharlal Nehru?

- A** An Autobiography
- B** The Broken Wing
- C** A Bunch of Old Letters
- D** The Discovery of india

Answer: B

Question 83

Name the corporate giant that made a hostile attempt to take over the Bangalore-based IT firm Mindtree in March 2019.

- A** Wipro
- B** Genpact
- C** Larsen & Toubro
- D** Infosys

Answer: A

Question 84

Which director won the Best Director Award at Oscars 2019?

- A** Spike Lee
- B** Alfonso Cuaron
- C** Yorgos Lanthimos
- D** Adam Mckay

Answer: B

Question 85

Which of the following subjects is NOT included in the Concurrent List?

- A** Forests
- B** Defence
- C** Trade
- D** Education

Answer: B

Question 86

During the reign of which Viceroy, did the 'Salt March' take place?

- A** Lord Bentinck
- B** Lord Chelmsford
- C** Lord Irwin
- D** Lord Metcalfe

Answer: C

Question 87

Which reptile has a 4 chambered heart?

- A** Crocodiles
- B** King Cobra
- C** Chameleon
- D** Turtle

Answer: A

Question 88

Which Mughal Emperor built the Agra Fort?

- A** Akbar
- B** Aurangzeb
- C** Jahangir
- D** Shahjshan

Answer: A

Question 89

Bishop, Knight, King and Queen are terms associated which sport?

- A** Tennis
- B** Billiards
- C** Chess
- D** Badminton

Answer: C

Question 90

When the speed of any object exceeds the speed of sound, it is said to be travelling at

- A** Supersonic speed
- B** Sonic speed
- C** Subsonic speed
- D** Speed of 1 Mach

Answer: A

Question 91

Which organelle of cell has its own DNA and Ribosomes?

- A** Chromoplasts
- B** Mitochondria
- C** Leucoplasts
- D** Vacuoles

Answer: B

Question 92

Photosynthesis reaction occurs in the presence of

- A** Nitrogen
- B** Chlorophyll and Sunlight
- C** Cadmium
- D** Sulphur

Answer: B

Question 93

Who is generally referred to as the "Missile Man of India"?

- A** Homi Bhabha
- B** Dr. Rajendra Prasad
- C** Dr. S. Radhakrishnan
- D** Dr. A.P.J. Abdul Kalam

Answer: D

Question 94

Who founded Self Respect movement?

- A Mahatma Gandhi
- B E.V. Ramaswamy Naicker
- C DR. BR. Ambedkar
- D Jyotiba Phule

Answer: B

Question 95

Who won the Pro Kabaddi league 2018?

- A Bengaluru Bulls
- B Patna Pirates
- C Dabang Delhi KC
- D Haryana Steelers

Answer: A

Question 96

First hour of every Parliamentary sitting is slotted for

- A Point of order
- B Question hour
- C Zero hour
- D Discussing money bills

Answer: B

Question 97

Which of the following city is NOT located on the coast of Ganga river?

- A Varanasi
- B Kanpur
- C Allahabad
- D Jaipur

Answer: D

Question 98

At which rate does the RBI extend loans to Commercial Banks?

- A** Penal rate
- B** Bank rate
- C** Reverse Repo rate
- D** Repo rate

Answer: B

Question 99

Under which Article of the Indian Constitution is President's Rule applied in a State?

- A** Article 350
- B** Article 368
- C** Article 356
- D** Article 325

Answer: C

Question 100

Chaitya and Viharas were constructed for monks of which religion?

- A** Judaism
- B** Christianity
- C** Buddhism
- D** Hinduism

Answer: C

SSC MTS 19th August 2019 Shift-3

English

Instructions

For the following questions answer them individually

Question 1

Select the most appropriate word for the given group of words:

Rearing of silk worms

- A Horticulture
- B Agriculture
- C Sericulture
- D Pisciculture

Answer: C

Question 2

Select the most appropriate antonym of the given word.

INFALLIBLE

- A Notorious
- B Flawless
- C Imperfect
- D Dependable

Answer: C

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 city is the (1)..... man's battleground where he fights for (2)..... There is a constant competition for jobs, houses and support services (3)..... health and education. This cut-throat competition results in lack of sensitivity (4)..... fellow-citizens and a feeling of hatred for (5)..... who are more successful.

Question 3

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

- A modern
- B historic
- C primitive
- D early

Answer: A

Question 4

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

- A win
- B live
- C death
- D survival

Answer: D

Question 5

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

- A like
- B dislike
- C unlike
- D likely

Answer: A

Question 6

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

- A at
- B over
- C towards
- D along

Answer: C

Question 7

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

- A those
- B these
- C their
- D them

Answer: A

Instructions

For the following questions answer them individually

Question 8

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

I have no doubt / that Girish is / one of the most intelligent student / in the entire district.

- A that Girish is
- B in the entire district
- C I have no doubt
- D one of the most intelligent student

Answer: D

Question 9

Select the most appropriate antonym of the given word.

REWARD

- A Punish
- B Produce
- C Present
- D Praise

Answer: A

Question 10

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

After playing cricket/ till 2 o'clock / the children ate their lunch / and left to home.

- A the children ate their lunch
- B till 2 o'clock
- C After playing cricket
- D and left to home

Answer: D

Question 11

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

I would be eternally indebted from you if you could help me.

- A indebted in you
- B indebted to you
- C indebted for you
- D No improvement

Answer: B

Question 12

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

Had Rajani not taken / a cab to the station / she would have definitely / miss the train.

- A she would have definitely
- B Had Rajani not taken
- C miss the train
- D a cab to the station

Answer: C

Question 13

Select the wrongly spelt word.

- A Vessel
- B Kettle
- C Brittle
- D Parellel

Answer: D

Question 14

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

Bulbul is honest girl but she is also very rude.

- A Bulbul is an honest girl
- B Bulbul is very honest girl
- C No improvement
- D Bulbul is a honest girl

Answer: A

Question 15

Select the most appropriate synonym of the given word.

DESTROY

- A Assist
- B Preserve
- C Restore
- D Ruin

Answer: D

Question 16

Select the most appropriate word to fill in the blank and make a meaningful sentence.
Suman found a hundred-rupee note on the road.

- A lied
- B laying
- C lying
- D laid

Answer: C

Question 17

Select the most appropriate meaning of the given idiom.
To lose one's head

- A To be beheaded for disloyalty
- B To lose self control
- C To die valiantly in a war
- D To lose one's position

Answer: B

Question 18

Select the most appropriate synonym of the given word.
POPULAR

- A Particular
- B untidy
- C Specific
- D Favourite

Answer: D

Question 19

Select the correctly spelt word.

- A Revenue
- B Ravanue
- C Ravenue
- D Reveanu

Answer: A

Question 20

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
Maryam to anyone as she was angry.

- A not spoke
- B did not spoken
- C did not spoke
- D did not speak

Answer: D

Question 21

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

She is extremely fond about chocolates and cookies.

- A No improvement
- B She is extremely fond for
- C She is extreme fond of
- D She is extremely fond of

Answer: D

Question 22

Select the most appropriate meaning of the given idiom.
To spill the beans

- A To give away a secret
- B To waste food items
- C To plan a strategy
- D To drop some food

Answer: A

Question 23

Select the most appropriate word for the given group of words:
An account of a person's life written by self

- A Autobiography
- B Cartography
- C Biography

D Calligraphy

Answer: A

Question 24

Select the most appropriate word to fill in the blank and make a meaningful sentence.
The doctor advised him to consume water without any additive.

A pleasant

B plain

C potent

D precious

Answer: B

Question 25

Select the most appropriate option to fill in the blank and make a grammatically correct sentence.
The players returned to the dilapidated hotel that them.

A was been allocated to

B were allocated to

C had allocated to

D was allocated to

Answer: D

Reasoning

Instructions

For the following questions answer them individually

Question 26

Select the number that will replace the question mark.

4 **16** **63**

7 **35** **?**

8 **48** **287**

A 210

B 140

C 174

D 198

Answer: C

Question 27

Select the option that is related to the third term in the same way as the second term is related to the first term.

64 : 512 :: 144 : ?

- A 1728
- B 1618
- C 1788
- D 1548

Answer: A

Question 28

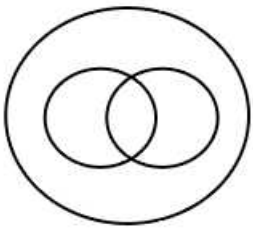
There are five cousins namely Ashish, Manish, Kailash, Daksh, and Lalit of different ages. All these cousins are arranged in the descending order of their ages. Ashish, brother of Kailash, is the second youngest and is 19 years old. Daksh, brother of Lalit, is between Kailash and Manish. Kailash is 42 years old and Ashish is 20 years younger than Daksh. Who among the following is the youngest?

- A Ashish
- B Daksh
- C Lalit
- D Manish

Answer: C

Question 29

The Venn diagram given in the question represents the relationship between the items given in which of the following options?

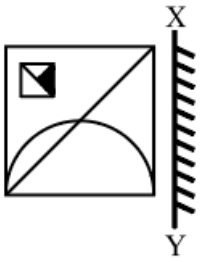


- A teachers, women and humans
- B mangoes, potatoes and vegetables
- C flowers, leaves and bees
- D cats, dogs and pets

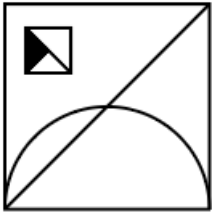
Answer: A

Question 30

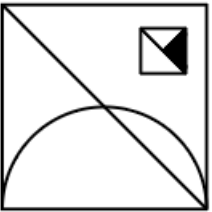
If a mirror is placed on the line XY, then which of the answer figures will be the right mirror image of the given figure?



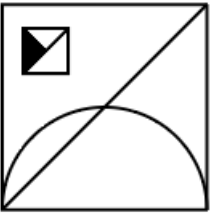
A



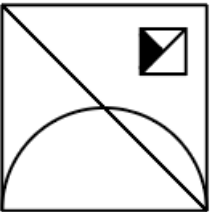
B



C



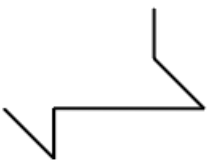
D

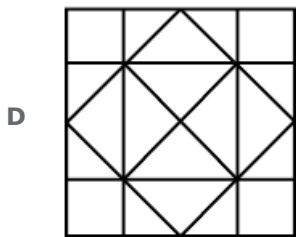
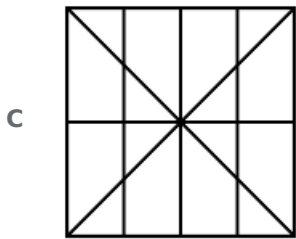
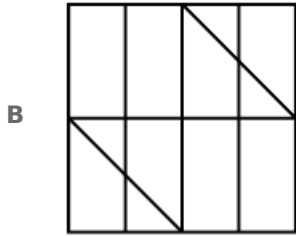
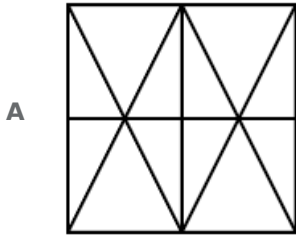


Answer: D

Question 31

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





Answer: B

Question 32

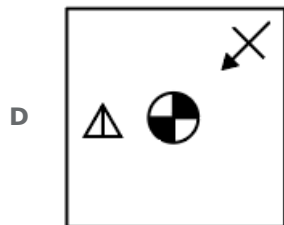
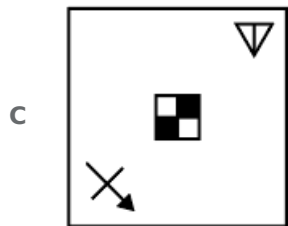
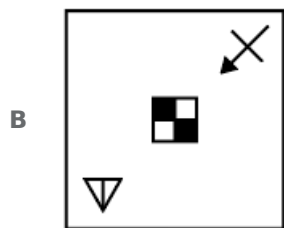
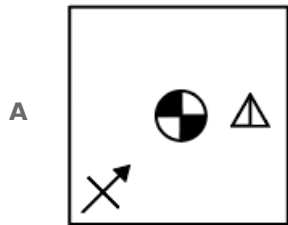
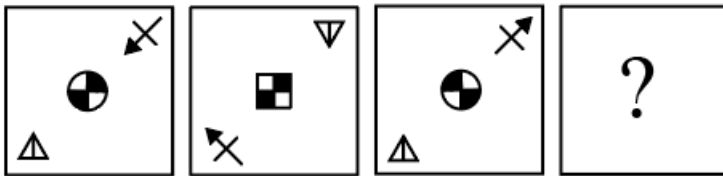
Select the correct option that will complete the series.
441, 484, 529, 576,

- A 641
- B 630
- C 610
- D 625

Answer: D

Question 33

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



Answer: C

Question 34

Which two numbers need to be interchanged to make the given equation correct?

$$96 \times 6 - 8 \div 2 + 3 = 768$$

A 6, 8

B 6, 3

C 2, 3

D 96, 8

Answer: A

Question 35

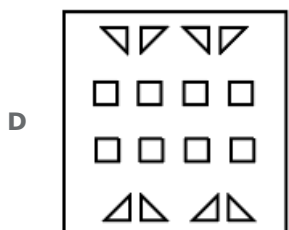
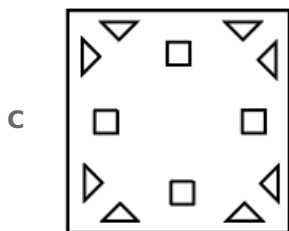
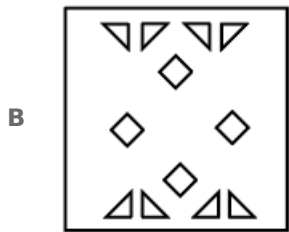
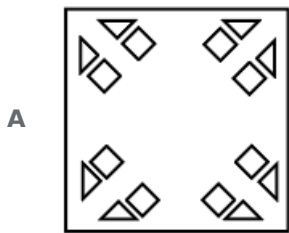
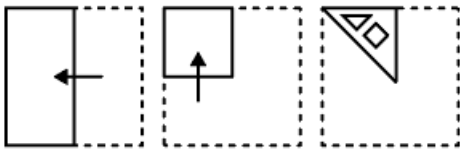
In a certain code language, '6532' is written as '3467'. What will be the code for '7915' in that code language?

- A 2084
- B 3939
- C 1463
- D 2658

Answer: A

Question 36

A piece 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.



Answer: A

Question 37

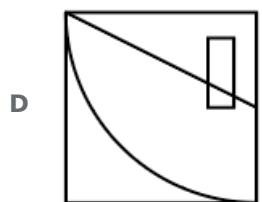
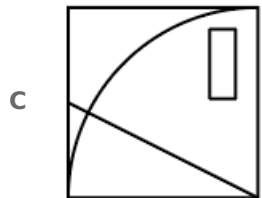
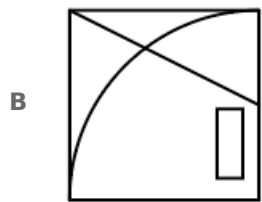
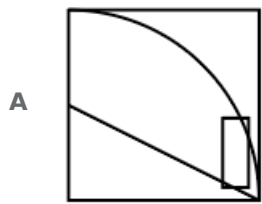
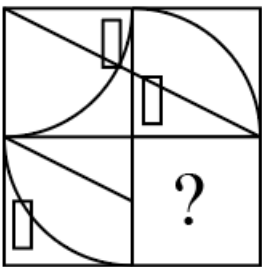
In a certain code language, 'CLAY' is written as 'FODB'. What will be the code for 'FROG' in that code language?

- A IMSK
- B JMOI
- C KMRI
- D IURJ

Answer: D

Question 38

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



Answer: C

Question 39

There are five different cottages, M to Q in a row. M is to the right of N and Q is to the left of O and right of M. N is to the right of P. The first cottage from the left is

- A M
- B N
- C P
- D Q

Answer: C

Question 40

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All bears are tigers.

Some bears are lions.

Conclusion:

I: Some tigers are lions.

II: No lions are tigers.

- A Both conclusions I and II follow
- B Neither conclusion I nor II follows
- C Only conclusion I follows
- D Only conclusion II follows

Answer: C

Question 41

Select the option that is related to the third word in the same way as the second word is related to the first word.

Teacher : Student :: Doctor : ?

- A Patient
- B Coat
- C Stethoscope
- D Hospital

Answer: A

Question 42

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

CAY, FDB, IGE,

- A KJL

- B** LJH
- C** KIG
- D** JHL

Answer: B

Question 43

Select the correct option that will complete the series.
13, 42, 129, 390,

- A** 1220
- B** 1173
- C** 1179
- D** 1170

Answer: B

Question 44

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All pans are jugs.

No plates are jugs.

Conclusion:

I: Some pans are plates.

II : Some jugs are pans.

III : No pans are plates.

- A** Only conclusion II and III follows
- B** All conclusions I, II and III follow
- C** Only conclusion I follows
- D** Only conclusion I and III follows

Answer: A

Question 45

Select the option that is related to the third term in the same way as the second term is related to the first term.

MRW : JOT :: QGP: ?

- A** OGN
- B** NPO
- C** NGM
- D** NDM

Answer: D

Question 46

Harmeet, Ishpreet, Jaspreet, Karpreet and Rashmeeta are sitting on a bench facing North. Jaspreet is between Ishpreet and Rashmeet. Harmeet is to the right of Ishpreet. Karpreet is not next to Rashmeet. Who is to the right of Harmeet?

- A** Karpreet
- B** Ishpreet
- C** Rashmeet
- D** Jashpreet

Answer: A

Question 47

Select the option that is related to the third word in the same way as the second word is related to the first word.

Man : Boy :: Dog : ?

- A** Puppy
- B** Cub
- C** Kennel
- D** Bitch

Answer: A

Question 48

If **DECEMBER** is coded as **5354185213** and **CONFIDENCE** is coded as **9614153531454**, then how will **STAMPEDE** be coded as?

- A** 132101954516
- B** 131201954510
- C** 131201954516
- D** 131201594510

Answer: C

Question 49

In a certain code language, 'SLAM' is written as 'OHWI'. What will be the code for 'NEST' in that code language?

- A** RHID
- B** JAOP
- C** IAOP

D IBMQ

Answer: B

Question 50

Which two signs need to be interchanged to make the given equation correct?

$$104 \div 8 + 6 - 9 \times 3 = 34$$

A +, -

B \div , +

C -, \times

D +, \times

Answer: A

Quant

Instructions

For the following questions answer them individually

Question 51

A trader sells two articles for ₹9520 each, one at a profit of 12% and the other at a loss of 15%. His overall percentage loss (correct to one decimal place) is:

A 4.4

B 3.1

C 3.4

D 3.8

Answer: C

Question 52

A person travels a certain distance at a speed of 18 km/h and returns to the starting point at 12 km/h. If he takes 2 hours 55 minutes for the whole journey, the distance one way is:

A 21 km

B 25 km

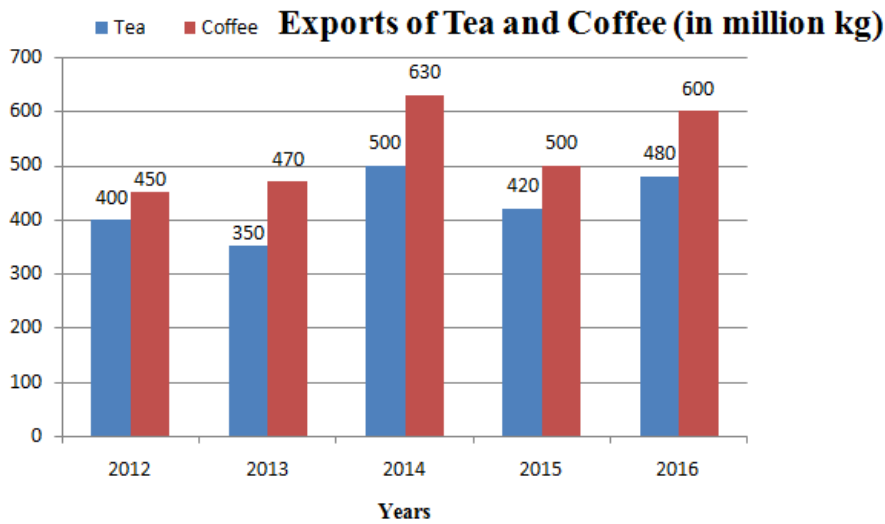
C 18 km

D 24 km

Answer: A

Question 53

The given Bar Graph presents the Export of Tea and Coffee (in million kg) for the years 2012 to 2016.



Total export of coffee is approximately what percent more than the total export of tea during the five years?

- A 23
- B 26
- C 28
- D 25

Answer: A

Question 54

What will be the compound interest on a sum of ₹31250, at 12% compound interest (interest compounded yearly) in $2\frac{2}{3}$ years?

- A ₹11048
- B ₹11096
- C ₹11068
- D ₹11086

Answer: D

Question 55

Let x be the smallest number greater than 600 which gives the remainders 2, 3 and 4, when divided by 5, 6 and 7, respectively. The sum of digits of x is:

- A 14
- B 15
- C 13

D 16

Answer: B

Question 56

A certain sum amounts to ₹12096 at 8% p.a. in $5\frac{1}{2}$ years at simple interest. What will be the simple interest on the same sum at 10% p.a. in 8 years?

A ₹6760

B ₹6810

C ₹6680

D ₹6720

Answer: D

Question 57

An item is sold for ₹702 at a profit of ₹162. If an additional! profit of 10% is to be made, then the new selling price will be:

A ₹756

B ₹729

C ₹810

D ₹750

Answer: A

Question 58

In an examination, the average score of students in a class who passed is 69 and that of who failed is 61. If the average score of all the students, who appeared in the examination is 66, then the percentage of students who passed is:

A 37.5

B 60

C 62.5

D 56

Answer: C

Question 59

A sum of ₹5200 is divided amongst A, B, C and D such that the ratio of shares of A and is 2 : 3, that of B and C is 4: 5 and that of C and is 1 : 2. What is the difference between the shares of B and D?

A ₹1440

B ₹1360

C ₹1200

D ₹1280

Answer: A

Question 60

A pipe can fill a tank in 18 hours. In how much time (in hours) will another pipe operating at one-third the efficiency of the first pipe fill a tank whose capacity is 50% of that of the first tank?

A 36

B 21

C 45

D 27

Answer: D

Question 61

The average of 20 numbers is 80. The average of first 10 numbers is 76.5 and that of next 7 numbers is 82. The 18th number is 3 more than the 19th number but 3 less than the 20th number. What is the average of 18th and 19th numbers?

A 85

B 88.5

C 86

D 85.5

Answer: D

Question 62

A train X travelling at 72 km/h crosses another train Y travelling at 63 km/h (in opposite direction) in 18 seconds. If the length of train Y is two-third the length of X, then length of train X is:

A 300 m

B 420 m

C 405 m

D 270 m

Answer: C

Question 63

A sphere is inscribed in a cube. What is the ratio of the volume of the cube to the volume of the sphere?

A $6 : \pi$

B $8 : \pi$

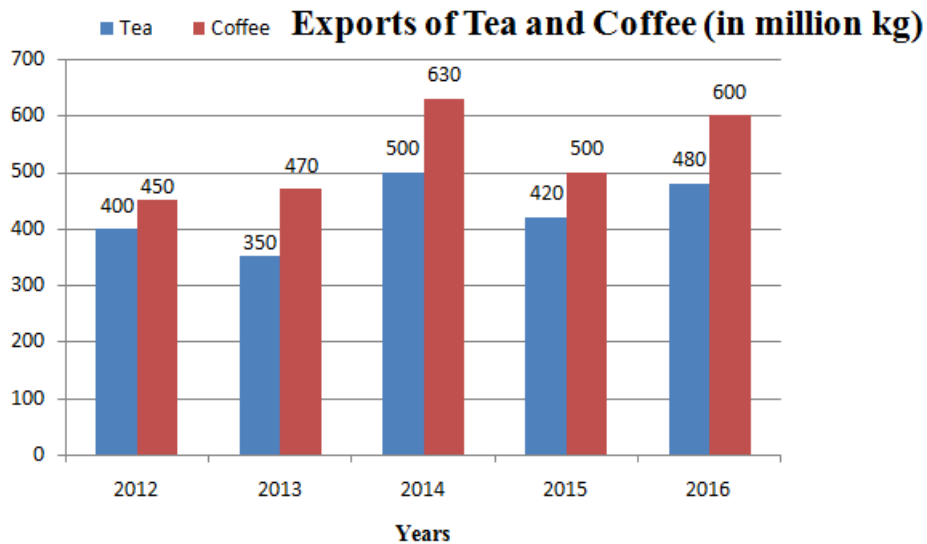
C $11 : 2\pi$

D $9 : 2\pi$

Answer: A

Question 64

The given Bar Graph presents the Export of Tea and Coffee (in million kg) for the years 2012 to 2016.



What is the ratio of total export of tea in 2012, 2014 and 2015 to the total export of coffee in 2013 and 2014?

A $10 : 9$

B $6 : 5$

C $9 : 10$

D $5 : 6$

Answer: B

Question 65

A can do a piece of work in 15 days and B can do it in $22\frac{1}{2}$ days. They worked together for 6 days and the remaining work was completed by C alone in 6 days. A, B and C together will do the same work in:

A 8 days

B 10 days

C 6 days

D 12 days

Answer: C

Question 66

The radius of a solid right circular cylinder is $66\frac{2}{3}\%$ of its height. If height is h centimeters then its total surface area (in cm^2) is:

- A $\frac{20}{9} \pi h^2$
- B $\frac{40}{9} \pi h^2$
- C $\frac{44}{9} \pi h^2$
- D $4\pi h^2$

Answer: A

Question 67

Let x be the median of data: 33, 42, 28, 49, 32, 37, 52, 57, 35, 41.

If 32 is replaced by 36 and 41 by 63, then the median of the data, so obtained, is y . What is the value of $(x + y)$?

- A 78
- B 78.5
- C 79.5
- D 79

Answer: B

Question 68

The value of $(8 \div \frac{2}{3} \text{ of } \frac{4}{5}) \div (8 \times \frac{2}{3} \div \frac{4}{5})$ of $(8 \div \frac{2}{3} \times \frac{4}{5})$ is:

- A $2\frac{3}{5}$
- B $7\frac{13}{16}$
- C 1
- D $\frac{15}{64}$

Answer: D

Question 69

What is the area (in m^2) of a triangular field whose sides measure 25 m, 39 m and 56 m?

- A 210
- B 240
- C 420
- D 480

Answer: C

Question 70

A shopkeeper allows 10% discount on the marked price of an article and still makes a profit of 8%. If the marked price is ₹480, then what is the costprice (in ₹)of the article?

- A 350
- B 360
- C 420
- D 400

Answer: D

Question 71

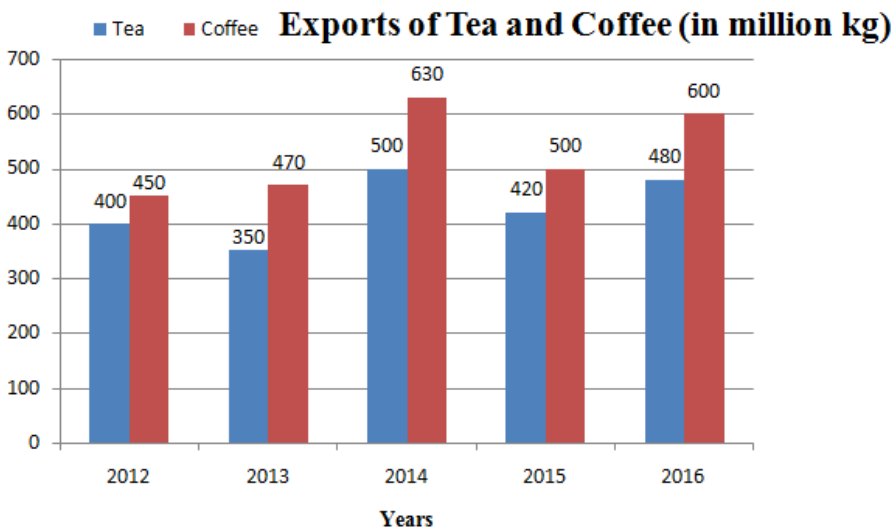
In a 60 liter solution of acid and water, the ratio of acid and water is 3 : 7. How much(in liter) acid is to be mixed in the solution so that the ratio of acid and water in the resulting solution is 1 : 2?

- A $\frac{1}{62}$
- B 6
- C 3
- D 5

Answer: C

Question 72

The given Bar Graph presents the Export of Tea and Coffee (in million kg) for the years 2012 to 2016.



The number of years, in each of which the export of coffee is more than 20% as compared to the export of tea in that year is:

- A 2
- B 3
- C 4
- D 1

Answer: B

Question 73

The value of $165 - [135 - \{84 \div 4 \text{ of } 3 - (16 - 18 \div 3)\}]$ is:

- A 81
- B $36\frac{1}{3}$
- C 27
- D 83

Answer: C

Question 74

If $a : b = 2 : 3$, $a : d = 3 : 4$, and $e : d = 3 : 5$, then $e : b = ?$

- A 10 : 9
- B 8 : 15
- C 9 : 10
- D 15 : 8

Answer: B

Question 75

In spite of an increase in price of a commodity by 20%, the overall expenditure on it increases by 12 %. What is the percentage decrease in the quantity of commodity consumed?

- A $7\frac{1}{3}$
- B $7\frac{1}{2}$
- C 8
- D $6\frac{2}{3}$

Answer: D

General knowledge

Instructions

For the following questions answer them individually

Question 76

Which of the following organism has a 2-Chambered heart?

- A Humanbeings
- B Sparrows

C Monkey

D Fishes

Answer: D

Question 77

Who is the Chairman of Monetary Policy Committee?

A Finance Minister of India

B President of India

C Governor of the Reserve Bank of India

D Prime Minister of India

Answer: C

Question 78

Who was awarded Sir Garfield Solers Trophy for ICC Cricketer of the year 2018?

A Steven Smith

B Virat Kohli

C Kane Williamson

D Joe Root

Answer: B

Question 79

State-owned Power Finance Corporation (PFC) completed the acquisition of majority stake in REC Ltd by transferring crore to the government.

A ₹10,000

B ₹12,000

C ₹16,500

D ₹14.500

Answer: D

Question 80

Who was felicitated with Japan's coveted 'Nikkei Asia Prize' for culture and community in 2018?

A Lal Krishna Advani

B Bhupinder Hooda

C Bindeshwar Pathak

D Chetan Bhagat

Answer: C

Question 81

Who has the final authority for making laws in India?

A Prime Minister

B President

C Parliament

D Governor

Answer: C

Question 82

What is the chemical name of Dry Ice?

A Oxidane

B Nitrogen Oxide

C Sulphur Dioxide

D Carbon Oxide

Answer: D

Question 83

In which order were the states annexed by Britishers under Doctrine of Lapse?

A Nagpur - Satara - Jhansi

B Udaipur - Jhansi-Nagpur

C Jhansi - Satara - Nagpur

D Satara - Udaipur - Jhansi

Answer: D

Question 84

.....has been appointed as the Secretary General of United Nations on 1 January 2017.

A Ban Ki-moon

B Antonio Guterres

C Satya S. Tripathi

D Michelle Bachelet

Answer: B

Question 85

Which of these is the famous art form Karnataka that combines dance, music, dialogue, costume, make-up and stage techniques to create a unique experience?

- A** Yakshagana
- B** Kalaripayettu
- C** Kathakali
- D** Ottam Thullal

Answer: A

Question 86

The Mahalanobis Plan of development was adopted during which Five Year Plan?

- A** Third
- B** Fourth
- C** First
- D** Second

Answer: D

Question 87

Who is the head of the State and is the highest formal authority in India?

- A** Prime Minister
- B** President
- C** Parliament
- D** Vice-President

Answer: B

Question 88

Dendrites and Axon are parts of which cell?

- A** Neuron
- B** Nephron
- C** White blood cell
- D** Red blood cell

Answer: A

Question 89

In which city of India is the multi-art complex called Bharat Bhavan located? It was inaugurated by the then Prime Minister Mrs. Indira Gandhi in 1982.

- A** Lucknow
- B** Bhopal
- C** Bangalore
- D** Pune

Answer: B

Question 90

Second Backward Classes Commission is also known as

- A** Mandal Commission
- B** Tendulkar Commission
- C** Nehru Commission
- D** Ambedkar Commission

Answer: A

Question 91

Son River which is one of the largest southern tributaries of Ganga originates in which state?

- A** Assam
- B** West Bengal
- C** Uttar Pradesh
- D** Madhya Pradesh

Answer: D

Question 92

Meenakshi Temple is located in which State?

- A** Andhra Pradesh
- B** Kerala
- C** Tamil Nadu
- D** Karnataka

Answer: C

Question 93

Who introduced Ryotwari System in India?

- A** Lord Irwin
- B** Holt Mackenzie
- C** Lord Cornwallis and Alexander Reed
- D** Alexander Reed and Thomas Munro

Answer: D

Question 94

Mirror used by dentist to see large images of teeth of patients is

- A** ZigZag Mirror
- B** Plane Mirror
- C** Convex Mirror
- D** Concave Mirror

Answer: D

Question 95

Which of the following sport has NOT been played at the Olympics since 1900?

- A** Cricket
- B** Badminton
- C** Hockey
- D** Archery

Answer: A

Question 96

Himalayas run through how many states in India?

- A** 7
- B** 8
- C** 5
- D** 10

Answer: D

Question 97

Dhauladhar Range forms part of which Himatayas?

- A** Lesser Himalayas
- B** Greater Himalayas
- C** Shiwaliks
- D** Purvanchals

Answer: A

Question 98

What percent of energy is transmitted from one trophic level to another in a food chain?

- A** 0.2
- B** 0.1
- C** 0.15
- D** 0.05

Answer: B

Question 99

Which of the following Traditional sports-State pair is INCORRECT?

- A** Thang-ta - Manipur
- B** Silambam - Madhya Pradesh
- C** Mukna - Manipur
- D** Gatka - Punjab

Answer: B

Question 100

When did Alexander the Great die?

- A** 323 BCE
- B** 623 BCE
- C** 423 BCE
- D** 300 BCE

Answer: A