



**SSC
CGL**

**Memory Based Test
Tier I
13 August 2021 Shift 2**

100 Questions

Que. 1 In a certain code language, "MIRRORS" is written as "SJNIRQN", how can "MONTHLY" be written in that code language?

1. OPNXGGK
2. OPGNKXG
3. OPNGXKG
4. GKXGNPO

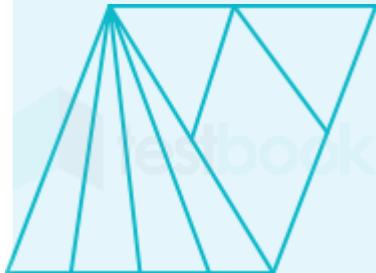
Testbook Solution Correct Option - 3

Que. 2 In a certain code language, "SENIOR" is written as "GUMRTQ", how can "JERSEY" be written in that code language?

1. GLIGAH
2. GLIHAG
3. GAHILG
4. GLGIAH

Testbook Solution Correct Option - 2

Que. 3 How many triangles are there in the given figure?



1. 14
2. 15
3. 13
4. 12

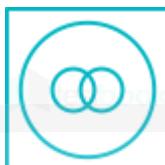
Testbook Solution Correct Option - 3

Que. 4 Find the best relationship among the three classes in the following diagrams:

Female, Daughter, Magician

1. 
2. 

3.



4.

**Testbook Solution** Correct Option - 4

Que. 5 P is daughter of Q, while Q and R are sisters of each other. S is mother of R. If M is son of S, then which of the following statements is correct?

1. S is brother of Q
2. M is cousin of Q
3. M is maternal uncle of P
4. Q is brother of M

Testbook Solution Correct Option - 3

Que. 6 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



1. 1728
2. 768
3. 1010
4. 1740

Testbook Solution Correct Option - 4

Que. 7 Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

M _ _ P M _ O _ M _ _ P _ N _ P

1. NONPNNNN
2. NONPNOMO
3. NOOOPNNN
4. NONONOMO

Testbook Solution Correct Option - 2

Que. 8 In the following question below some statements are given followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions, and then decide which of the given conclusions logically follows the given statements.

Statements

Some Jug are Mug.

All Mug are Water.

No Water is Milk.

Conclusion

- I. Some Jug are Water.
 - II. Some Mug are Milk.
 - III. No Mug are Milk.
- 1. Only I and II follow
 - 2. All follow
 - 3. Only II and III follow
 - 4. Only I and III follow

Testbook Solution Correct Option - 4

Que. 9 **Directions** - From the given alternatives select the word which **cannot** be formed using the letters of the given word.

TRANSPORT

- 1. SPORT
- 2. STRAP
- 3. TRUST
- 4. START

Testbook Solution Correct Option - 3

Que. 10 Three of the four are alike in a certain way and so form group. Which is the one that does not belong to the group?

- 1. 125
- 2. 252
- 3. 729
- 4. 216

Testbook Solution Correct Option - 2

Que. 11 If ' \times ' means '-', ' $+$ ' means ' \div ', ' $-$ ' means ' \times ' and ' \div ' means '+', then

$$11 - 2 \div 700 + 70 \times 50 = ?$$

- 1. -10
- 2. -18
- 3. -24
- 4. -32

Testbook Solution Correct Option - 2

Que. 12 **Directions** - In these questions, find the odd word / letters / number pair from the given alternatives.

- 1. Copper
- 2. Bronze
- 3. Gold
- 4. Silver

Testbook Solution Correct Option - 2

Que. 13 Select the one which is different from the other three responses.

- 1. Energy

2. Erg
3. Power
4. Pressure

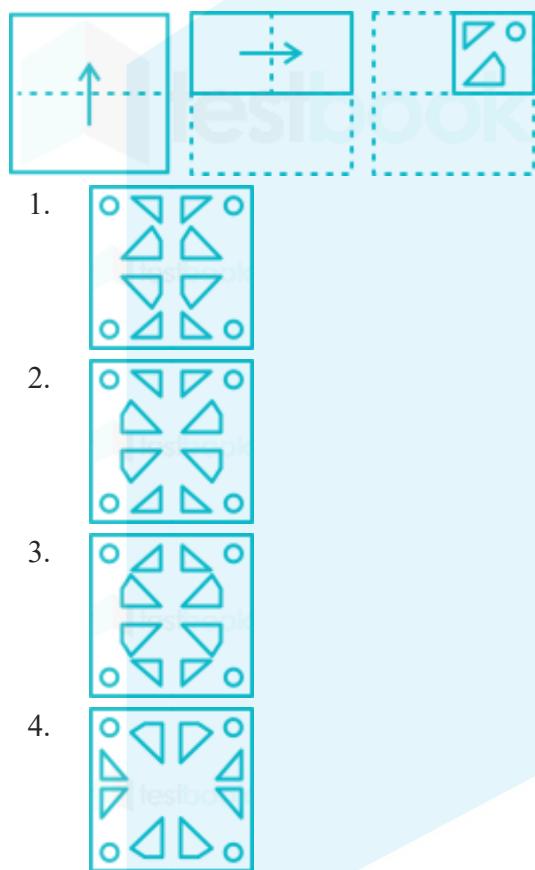
Testbook Solution Correct Option - 2

Que. 14 Out of the given options, three are similar in a certain manner. However, one option is NOT like the other three. Select the option which is different from the rest

1. JIH
2. ONM
3. TSR
4. GED

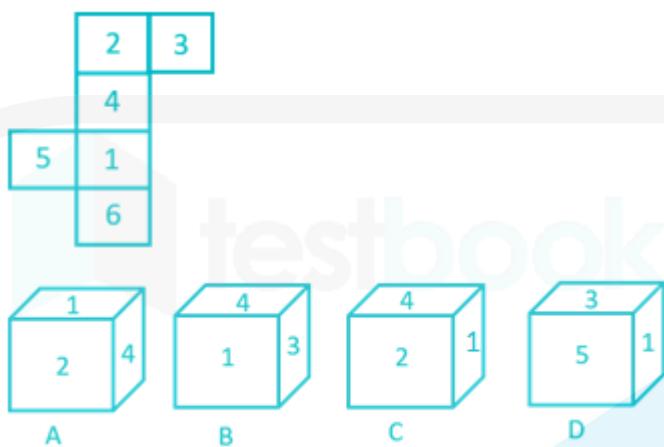
Testbook Solution Correct Option - 4

Que. 15 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



Testbook Solution Correct Option - 2

Que. 16 Which of the following pattern of dice can be formed when the sheet given below is folded?



1. Both A & C
2. Both B & D
3. Only C
4. Only B

Testbook Solution Correct Option - 4

Que. 17 In the following question, select the related words from the given alternatives

Dog : Canine :: Horse : ?

1. Grass
2. Race
3. Hoof
4. Transport

Testbook Solution Correct Option - 3

Que. 18 Select the related letter/word/number from the given alternatives.

5 : 100 :: 7 : ?

1. 91
2. 98
3. 49
4. 196

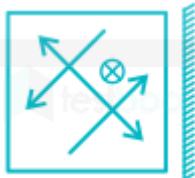
Testbook Solution Correct Option - 4

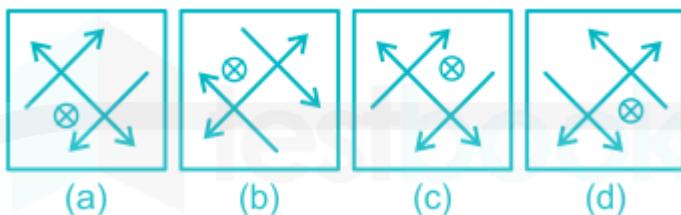
Que. 19 Select the alternative which is related to the given set. Given set is : (12, 20, 28)

1. (3,15,18)
2. (18, 27, 72)
3. (18, 30, 42)
4. (7, 14, 28)

Testbook Solution Correct Option - 3

Que. 20 Find out the correct option for mirror (vertical) image of the following figure.



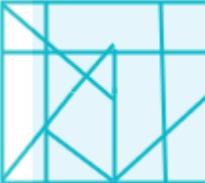


1. b
2. a
3. d
4. c

Testbook Solution Correct Option - 1

Que. 21 From the given answer figures, select the one in which the question figure is hidden/embedded? (rotation is not allowed)



1. 
2. 
3. 
4. 

Testbook Solution Correct Option - 3

Que. 22 Shiva is 8 years elder than Kriti. The ratio of their ages is 5:3. What is Shiva's age?

1. 28 years
2. 18 years
3. 32 years
4. 20 years

Testbook Solution Correct Option - 4

Que. 23 A series is given in the following question. Find the term that will replace the question mark.

4, 3, 9, 34, 96, 219, ?

1. 433
2. 432
3. 444
4. 434

Testbook Solution Correct Option - 1

Que. 24 Arrange the following words according to the dictionary order:

1. Corporate
 2. Correspond
 3. Correlation
 4. Convenience
 5. Co-operate
1. 5, 1, 2, 4, 3
 2. 4, 5, 1, 3, 2
 3. 1, 2, 3, 5, 4
 4. 4, 1, 5, 2, 3

Testbook Solution Correct Option - 2

Que. 25 Find the missing number in the series given below.

4, 9, 20, 43, 90, ?

1. 182
2. 180
3. 185
4. 179

Testbook Solution Correct Option - 3

Que. 26 Gopuram Style temple is which type of architecture?

1. Nagara Temple Style
2. Central India Temples
3. Dravidian Temple Style
4. None of the above

Testbook Solution Correct Option - 3

Que. 27 In which year did Babur establish the Mughal rule in India?

1. 1527
2. 1529
3. 1528
4. 1526

Testbook Solution Correct Option - 4

Que. 28 RTGS stands for _____

1. Real Time Gross settlements
2. Reduced Time Gross Settlements
3. Relative Time Gross Settlements
4. Real Total Gross Settlements

Testbook Solution Correct Option - 1

Que. 29 Who is the current head of State Bank of India?

1. Nita Ambani
2. Dinesh Kumar Khara
3. Barkha Singh
4. Arundhati Bhattacharya

Testbook Solution Correct Option - 2

Que. 30 Who is appointed as new CEO of Ayushman Bharat scheme?

1. Dr. Indu Bhushan
2. Phagu Chauhan
3. Suneet Sharma
4. R. S. Sharma

Testbook Solution Correct Option - 4

Que. 31 The chemical used for making tooth pastes white is

1. calcium carbonate
2. sodium carbonate
3. Titanium dioxide
4. zinc oxide

Testbook Solution Correct Option - 3

Que. 32 The intensity of earthquake is measured by

1. Barometer
2. Hydrometer
3. Polygraph
4. Seismograph

Testbook Solution Correct Option - 4

Que. 33 'Laughing Gas' is:

1. Hydrogen Peroxide
2. Nitrous Oxide
3. Carbon Monoxide
4. Sulphur Dioxide

Testbook Solution Correct Option - 2

Que. 34 Homeopathy was invented by?

1. Sushrutha
2. Charaka

3. Hippocrates
4. Samuel Hahnemann

Testbook Solution Correct Option - 4

Que. 35 For which of the following games, Ruia Gold Cup is associated?

1. Cricket
2. Football
3. Bridge
4. Kabaddi

Testbook Solution Correct Option - 3

Que. 36 The famed painting of 'Bhartamata' which proved to be instrumental in freedom struggle was built by

1. Ganganendranth Tagore
2. Abanindranath Tagore
3. Nandalal Bose
4. None of the above

Testbook Solution Correct Option - 2

Que. 37 'Pace Maker' is associated with _____.

1. Kidney
2. Brain
3. Heart
4. Ear

Testbook Solution Correct Option - 3

Que. 38 From which country is Federalism taken in the Indian Constitution?

1. Australia
2. Russia
3. Canada
4. France

Testbook Solution Correct Option - 3

Que. 39 Surendra Sai belonged to which dynasty of Rajput Khinda?

1. Gond
2. Chauhan
3. Sona
4. Bhinjal

Testbook Solution Correct Option - 2

Que. 40 'SAANS' campaign has been launched by which of the following state to reduce infant mortality rate?

1. Rajasthan
2. Madhya Pradesh
3. Kerala

4. Uttar Pradesh

Testbook Solution Correct Option - 2

Que. 41 Which of the following introduced a measure of provincial autonomy ?

1. Minto-Morley reforms
2. Montague-Chelmsford reforms
3. Cripps mission
4. Govt. of India Act, 1935

Testbook Solution Correct Option - 4

Que. 42 In which state is the headquarter of RBL Bank located?

1. Surat
2. Mumbai
3. Karnataka
4. Tamil Nadu

Testbook Solution Correct Option - 2

Que. 43 Khetri Belt of Rajasthan State is famous for:

1. Copper mining
2. Gold Mining
3. Mica mining
4. Iron ore mining

Testbook Solution Correct Option - 1

Que. 44 Which of the following type of coal is the best quality coal?

1. Lignite
2. Bituminous
3. Peat
4. Anthracite

Testbook Solution Correct Option - 4

Que. 45 Indian sportsperson Lakshya Sen is a _____ player.

1. Judo
2. Badminton
3. Kabaddi
4. Wrestling

Testbook Solution Correct Option - 2

Que. 46 Which of the following article is related to the Vice President of India?

1. Article 52
2. Article 75
3. Article 51A
4. Article 63

Testbook Solution Correct Option - 4

Que. 47 With which among the following countries has the Indian Government signed an MoU to construct Lalandar Dam in that country?

1. Afghanistan
2. Bhutan
3. Nepal
4. Bangladesh

Testbook Solution Correct Option - 1

Que. 48 Pattachitra Art is the folk painting of which state?

1. Andhra Pradesh
2. Bihar
3. Gujarat
4. Odisha

Testbook Solution Correct Option - 4

Que. 49 In which one of the following states is the Rowa Wildlife Sanctuary located?

1. Sikkim
2. Tripura
3. Uttar Pradesh
4. Bihar

Testbook Solution Correct Option - 2

Que. 50 The unit of pressure is

1. kg/cm^2
2. kg/mm
3. N/m^2
4. kg/cm

Testbook Solution Correct Option - 3

Que. 51 If the length of rectangle is changed by 3 times and breadth of rectangle is changed by half. Find the ratio of area of original rectangle to new rectangle.

1. 2 : 5
2. 3 : 2
3. 2 : 3
4. 5 : 3

Testbook Solution Correct Option - 3

Que. 52 In a class out of 90 students, the 60% are girls and the rest of boys. If the average marks of girls is 62 and average marks of boys is 70, then find the average of all the students in the class.

1. 62.2
2. 67.6
3. 68.4
4. 65.2

Testbook Solution Correct Option - 4

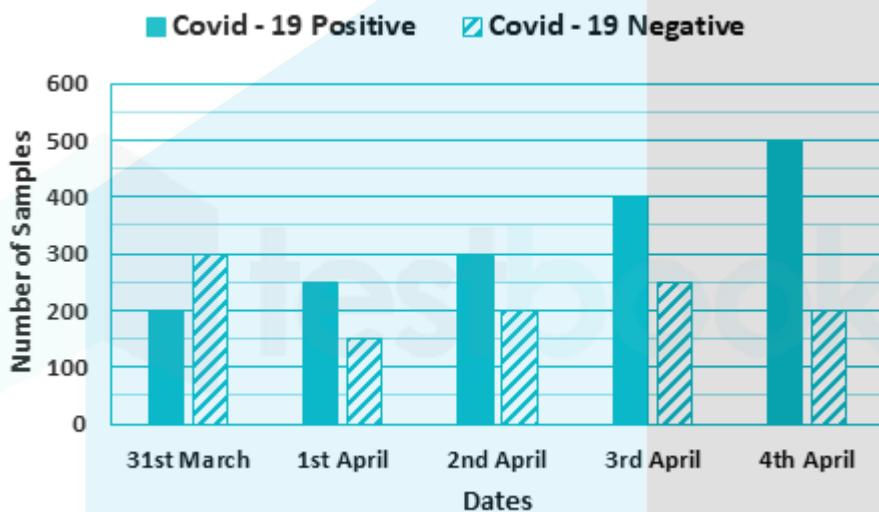
Que. 53 If area of circle is increased by 125% then how much percent will radius increase?

1. 50%
2. 100%
3. 33.33%
4. 44.44%

Testbook Solution Correct Option - 1

Que. 54 **Directions:** Study the following bar graph carefully and answer the questions given below.

Below given is the bar chart of the COVID-19 sample data (31/03/2021 - 04/04/2021) at the district of Prayagraj, Uttar Pradesh. It indicates the number of samples detected of Covid - 19 Positive and Covid - 19 Negative on each day of the mentioned period.



What is the percentage increase in the number of COVID-19 POSITIVE samples from 2nd April to 3rd April?

1. 40%
2. 133.33%
3. 25%
4. 33.33%

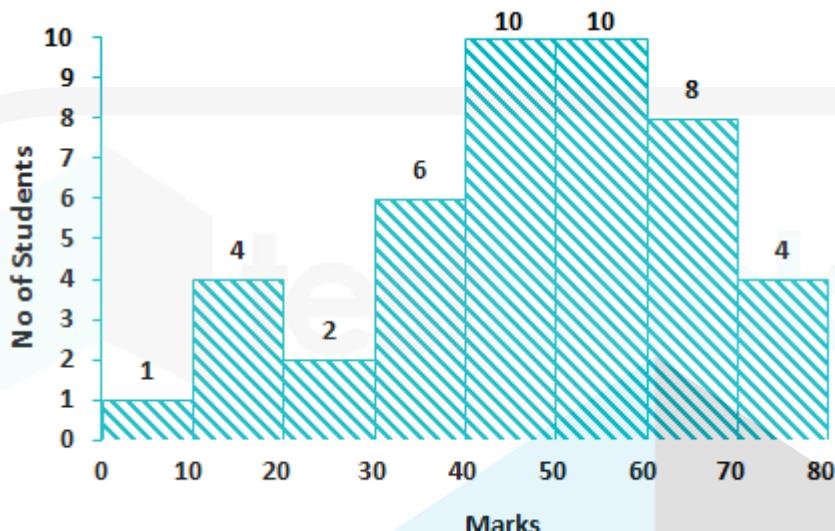
Testbook Solution Correct Option - 4

Que. 55 If a number 247xy is divisible by 3, 7 and 11, then find the value of 2y - 8x.

1. 6
2. 4
3. 8
4. 2

Testbook Solution Correct Option - 1

Que. 56 The histogram depicts the marks obtained by 45 students of a class. How many students obtained 50 or more marks and less than 70?



1. 16
2. 19
3. 15
4. 18

Testbook Solution Correct Option - 4

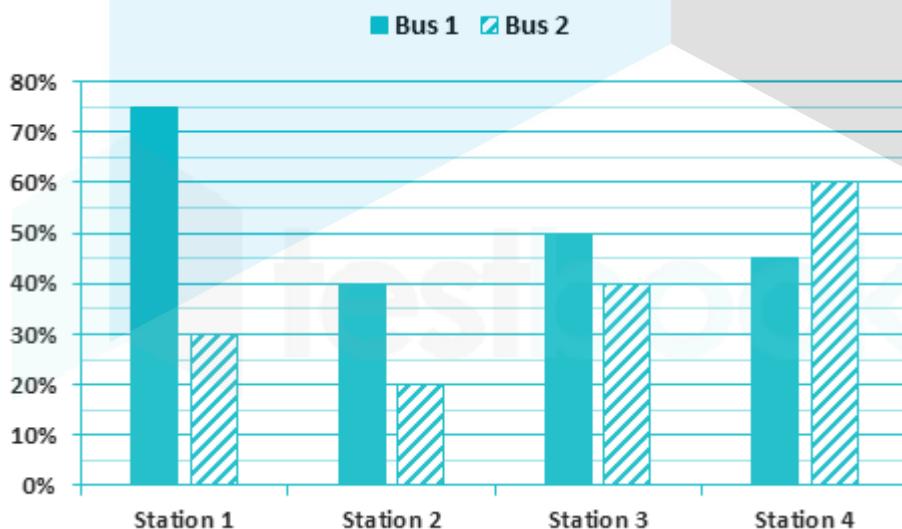
Que. 57 A train of the length of 240 m, crosses a man running in the same direction with the speed of 6 km/hr in 9 seconds. What will be the time taken to cross a platform of the length of 372 m?

1. 18.6 seconds
2. 21.6 seconds
3. 20.6 seconds
4. 22.6 seconds

Testbook Solution Correct Option - 2

Que. 58 **Direction:** Study the following data carefully and answer the following questions.

The bar graph represents the percentage of people present in the bus just after every station.



After station 1, if 20% of previously present people getting into the Bus 1 at every Station (if there is space) then what percent seats remain empty after Station 2?

1. 10%
2. 9%

3. 5%
4. 7%

Testbook Solution Correct Option - 1

Que. 59 Amount of simple interest earned in 7 years by Arun on the sum invested is Rs. 26000. If the rate of interest was 10% for first 2 years, 12% for next 2 years and 20% for remaining years then find the sum invested.

1. Rs. 25000
2. Rs. 30000
3. Rs. 35000
4. Rs. 20000

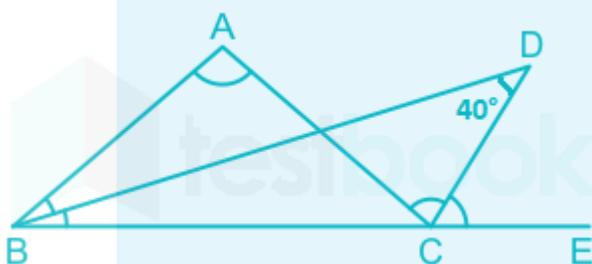
Testbook Solution Correct Option - 1

Que. 60 If $(x - 1/x) = 5$, find $(x^6 - 5x^3 - 1)/(x^6 + 7x^3 - 1)$

1. $145/133$
2. $135/147$
3. $133/145$
4. $135/133$

Testbook Solution Correct Option - 2

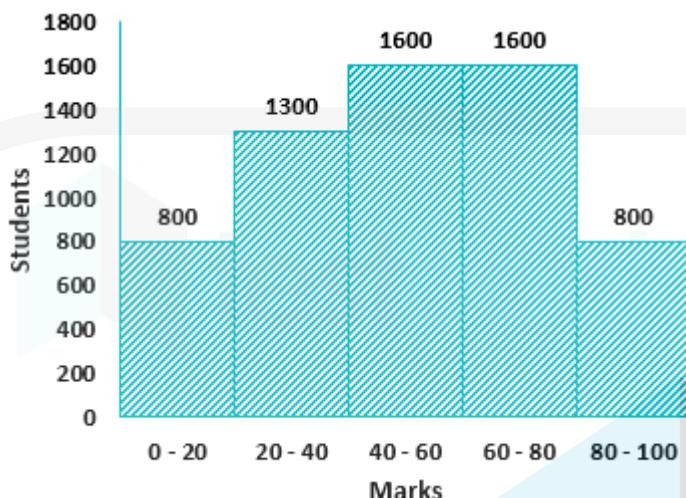
Que. 61 Find the value of $\angle A$. If BD is an interior angle bisector of $\angle B$ and DC is an exterior angle bisector of $\angle C$



1. 70°
2. 60°
3. 80°
4. 110°

Testbook Solution Correct Option - 3

Que. 62 The histogram shows the number of students and the range of marks scored by them



Find the ratio of students who scored marks less than 40 and the students who scored marks greater than 60?

1. 24 : 37
2. 37 : 24
3. 7 : 8
4. 8 : 7

Testbook Solution Correct Option - 3

Que. 63 If $16x^2 + y^2 = 48$ and $xy = 11$ find the value of $64x^3 + y^3$.

1. $4\sqrt{34}$
2. $8\sqrt{36}$
3. $4\sqrt{36}$
4. $8\sqrt{34}$

Testbook Solution Correct Option - 4

Que. 64 The selling price of an item after a discount of 12% is Rs. 176, If no discount is given then the profit percent is 25%. Find the cost price of the article.

1. Rs. 150
2. Rs. 180
3. Rs. 160
4. Rs. 120

Testbook Solution Correct Option - 3

Que. 65 A cylindrical tub of radius 6 cm, contains water up to a depth of 9 cm. A spherical iron ball is dropped into the tub thus water level reached at 17 cm. Find the radius of the ball.

1. 6 cm
2. 8 cm
3. 4cm
4. 5 cm

Testbook Solution Correct Option - 1

Que. 66 If Radha saves 25% of her income, if the expenditure is increased by 20% and income is increased by 29%. Find change% in saving.

1. 48%

2. 56%
3. 52%
4. 60%

Testbook Solution Correct Option - 2

Que. 67 What approximate value will come in place of question mark (?) in the given equations?

$$20 \times 52/260 \times 45\% \text{ of } 360 = ?$$

1. 530
2. 810
3. 256
4. 648

Testbook Solution Correct Option - 4

Que. 68 18 men can do 3 units of work in 10 days by doing 8 hours in a day. Then find the required number of days taken by 10 men to complete 5 units of work if they work 6 hours in a day.

1. 32 days
2. 45 days
3. 36 days
4. 40 days

Testbook Solution Correct Option - 4

Que. 69 If $(\sin x \cos 50^\circ) + (\sec^2 40^\circ - \tan^2 40^\circ) + \sin^2 50^\circ = 2$, then find the value of x.

1. 30°
2. 70°
3. 40°
4. 50°

Testbook Solution Correct Option - 3

Que. 70 If $x - y = 11$, $1/x - 1/y = 11/24$, then find $x^3 - y^3$

1. 429
2. 485
3. 529
4. 539

Testbook Solution Correct Option - 4

Que. 71 What is the smallest 5-digit number which when divided by 8, 14, 24 and 56 leaves zero remainder?

1. 10084
2. 10081
3. 10080
4. 10088

Testbook Solution Correct Option - 3

Que. 72 If two articles are sold at the same selling price which is Rs. 10591. If the first article is sold at 19% profit and the second article is sold at 11% loss, then find the overall profit/loss%.

1. 1.2%
2. 1.6%
3. 1.8%
4. 2%

Testbook Solution Correct Option - 3

Que. 73 If $2\cos^2\theta = 3\sin^2\theta$, then find the value of $\sec^2\theta - \tan^2\theta + \cos^2\theta$.

1. $7/4$
2. $5/2$
3. $8/9$
4. $3/5$

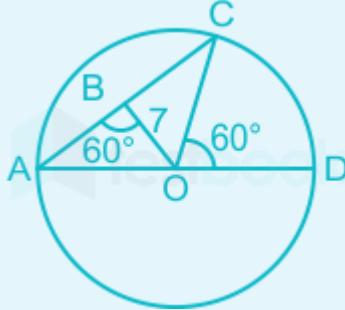
Testbook Solution Correct Option - 1

Que. 74 The ratio between two numbers is $4 : 5$. If each number is increased by 4, the ratio becomes $6 : 7$. Find the difference between the numbers.

1. 2
2. 9
3. 3
4. 7

Testbook Solution Correct Option - 1

Que. 75 If the length of BO is 7 cm find the length of OC.



1. $8\sqrt{3}$ cm
2. $7\sqrt{3}$ cm
3. $7/\sqrt{3}$ cm
4. $14\sqrt{3}$

Testbook Solution Correct Option - 2

Que. 76 What is the synonym of:

PROMPT

1. slow
2. quick
3. false
4. none of these

Testbook Solution Correct Option - 2

Que. 77 Choose the most appropriate synonym of 'dedication'

1. unfaithfulness
2. laziness
3. commitment
4. apathy

Testbook Solution Correct Option - 3

Que. 78 Choose the most appropriate antonym of 'hope'

1. despair
2. luck
3. lost
4. win

Testbook Solution Correct Option - 1

Que. 79 Directions: Choose the word which best expresses the opposite meaning of the word.

ENGENDER

1. Cause
2. Subdue
3. Conserve
4. Impound

Testbook Solution Correct Option - 4

Que. 80 Choose the correct meaning of the given idiom:

Fly in the air

1. to be very happy
2. to be unhappy
3. Lively person
4. none of these

Testbook Solution Correct Option - 1

Que. 81 Choose the correct meaning of the given idiom:

Take a chill pill

1. To calm down
2. to take medicine
3. to live life casually
4. to be stubborn

Testbook Solution Correct Option - 1

Que. 82 Choose the correct spelling:

1. allotment
2. alottment
3. alotmment
4. alotmnet

Testbook Solution Correct Option - 1

Que. 83 Choose the correct spelling:

1. liesure
2. leisure
3. leicure
4. leishure

Testbook Solution Correct Option - 2**Que. 84** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. After some time a flock of pigeons comes by and starts eating grains and gets caught in the net.
- B. They flew away to their friend's mouse hole, then the mouse cuts the net and freed the pigeons.
- C. One day a hunter sets a net to catch birds and placed grains and rice over the net.
- D. After some time they started losing hope, then their leader asks them to fly together up in the sky.

1. DBAC
2. CABD
3. ADBC
4. CADB

Testbook Solution Correct Option - 4**Que. 85** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. But this was not only a period of expanding trade and increased prosperity.
- B. It is important to realize that there was a darker side to this process.
- C. In many parts of the world, the expansion of trade and a closer relationship with the world economy also meant a loss of freedoms and livelihoods.
- D. Trade flourished and markets expanded in the late nineteenth century.

1. CDAB
2. ACDB
3. DABC
4. BDAC

Testbook Solution Correct Option - 3**Que. 86** A sentence has been given in Active Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive Voice.

We have announced the date for the engagement ceremony.

1. The date for the engagement ceremony was announced by us.
2. The date for the engagement ceremony has been announced by us.
3. The date for the engagement ceremony was being announced by us.
4. The date for the engagement ceremony is announced by us.

Testbook Solution Correct Option - 2**Que. 87** Directions: Identify the segment which contains the grammatical error from given options.

Can I have (A)/ little discount (B) / please? (C)/ No error. (D)

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

Testbook Solution Correct Option - 2

Que. 88 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

He lost all his hardly earned money.

1. hardly earned money
2. No error
3. all his
4. He lost

Testbook Solution Correct Option - 1

Que. 89 Out of all the alternatives given, select the word which closely fits the given definition.

A place where coins are made

1. Abattoir
2. Aviary
3. Mint
4. Dormitory

Testbook Solution Correct Option - 3

Que. 90 In the following question, out of the four alternatives, choose the one which can be substituted for the given words/ sentence.

A system of government by the whole population or all the eligible members of a state, typically through elected representatives

1. Dictatorship
2. Democracy
3. Autocracy
4. Monarchy

Testbook Solution Correct Option - 2

Que. 91 Direction: Change the Narration-

She said, "Take the test next year instead."

1. She advised them to take the test next year instead.
2. She advised them that take the test next year instead.
3. She advised them took the test next year instead.
4. She advised them take the test next year instead.

Testbook Solution Correct Option - 1

Que. 92 Fill in the blanks with the most appropriate answer:

Communication is very important for all beings. Animals and humans use their own separate languages ____ (1) ____ communicate with one another because no one can survive without ____ (2) _____. Communication skills are a part of the spoken and written language. These are the extra factors, which complete a communication process.

Communication refers to the exchange of thoughts and ideas to convey information. Communication is a two-way street that ____ (3) ____ vocalization as well as gesticulation. The purpose of communication is to convey one's beliefs, ideas, thoughts, or needs with clarity to reach a consensus or a mutually acceptable solution.

The importance of communication skills cannot be underestimated. It _____(4)_____ been known, that long before when language was yet to be invented, people used hand gestures, body language, etc to converse with one another. Good communication skills are necessary for all walks of life. The lack of effective communication skills has _____(5)_____ negative impact on the personal as well as professional life of a person.

What will come in blank number 1?

1. at
2. to
3. for
4. among

Testbook Solution Correct Option - 2

Que. 93 What will come in blank number 2?

1. communicating
2. singing
3. dancing
4. acting

Testbook Solution Correct Option - 1

Que. 94 What will come in blank number 3?

1. includes
2. recluse
3. judgments
4. none of these

Testbook Solution Correct Option - 1

Que. 95 What will come in blank number 4?

1. has
2. is
3. are
4. of

Testbook Solution Correct Option - 1

Que. 96 What will come in blank number 5?

1. an
2. a
3. the
4. no article required

Testbook Solution Correct Option - 2

Que. 97 Fill in the blank with the most appropriate word:

He needed her _____, not her criticism.

1. troubles
2. support

3. problems
4. faithlessness

Testbook Solution Correct Option - 2

Que. 98 **Directions:** Fill up the blanks with the most appropriate word from the opinion given below.

His most striking _____ is the enthusiasm that he brings to everything he does.

1. factor
2. attitude
3. characteristic
4. character

Testbook Solution Correct Option - 3

Que. 99 **Directions -** In the question given below, a part of the sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case, no improvement is needed, option (4) is the correct answer.

Many countries have eradicated this disease thirty years ago while some are still ignorant of the vaccination and immunization for the disease.

1. had eradicated
2. did eradicate
3. eradicated
4. No Improvement

Testbook Solution Correct Option - 3

Que. 100 Which of the options, (1), (2), (3), given below the sentence should replace the phrase printed in bold type and underlined to make the sentence grammatically correct? If the sentence is correct as it is, mark (D) as the answer.

If I would have realised the nature of the job earlier, I would not have accepted it.

1. If I have had
2. In case I would have
3. Had I realised
4. No correction required

Testbook Solution Correct Option - 3