SSC CGL Full Test 14

Section: General Intelligence and Reasoning

• Q. 1) Marks: 0

Select the option that is similar to the pair given below:

Silk: Sericulture

(a) Fodder: Horticulture
 (b) Fish: Pisciculture
 (c) Silviculture: Silver
 (d) Aviculture: Apes

• Q. 2) Marks: 0

Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

BETTER: BEERTT:: SHUTTER:?

- 1. (a) SETTUHR
- 2. (b) HUTESRT
- 3. (c) EHRSTTU
- 4. (d) UTTREHS
- Q. 3) Marks: 0

Here, a statement is followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from the commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the given statements, disregarding commonly known facts.

Statements:

Some Jokers are man.

No man is cycle.

Conclusions:

- (I) No Joker is cycle.
- (II) No man is Joker.
- (III) Some Jokers are cycles.
- (IV) Some men are Jokers.
 - 1. (a) Only I and III follow
 - 2. (b) Only IV follows
 - 3. (c) Only I, II and IV follow
 - 4. (d) All follow
- Q. 4) Marks: 0If in a certain code language 'MAYOR' is coded as '4267129' and 'MOUSE' is coded as '41261022', then what will be the code for the word 'MOVIE'?
 - 1. (a) 41241822

- 2. (b) 41218422
- 3. (c) 41222418
- 4. (d) 44121822
- Q. 5) Marks: 0In a certain code language, 'STUMBLE' is coded as '95', and 'NASTY' is coded as '55'. How will 'CLOUDY' be coded in that language?
 - 1. (a) 90
 - 2. (b) 80
 - 3. (c) 92
 - 4. (d) 82
- Q. 6) Marks: 0

Arrange the given words in the sequence in which they occur in the dictionary.

- 1. Compare
- 2. Compete
- 3. Company
- 4. Complain
- 5. Complete
- 6. Challenge
- 7. Chamber
 - 1. (a) 6, 7, 3, 2, 1, 4, 5
 - 2. (b) 6, 7, 3, 1, 2, 5, 4
 - 3. (c) 6, 7, 3, 1, 2, 4, 5
 - 4. (d) 3, 1, 2, 5, 4, 6, 7
- Q. 7) Marks: 0

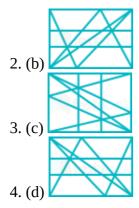
Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

- 1. (a) n, s, k, p, s, n, s, p
- 2. (b) n, k, s, p, k, n, s, k
- 3. (c) q, k, p, p, s, n, q, k
- 4. (d) p, k, m, p, n, q, s, k
- Q. 8) Marks: 0

Identify the option in which the following figure is embedded (rotation is NOT applicable).







• Q. 9) Marks: 0

If

'A # B' means 'A is the father of B',

'A\$B' means 'A is the mother of B',

'A @ B' means 'A is the husband of B',

'A % B' means 'A is the wife of B'

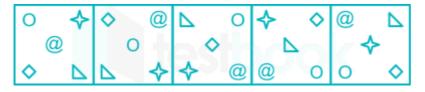
'A = B' means 'A is the brother of B',

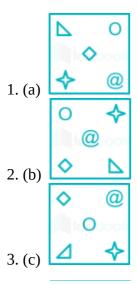
then how is P related to V in the following expression?

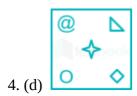
P @ Q \$ U = R % S # V

- 1. (a) Mother's brother
- 2. (b) Paternal grandfather
- 3. (c) Father's brother
- 4. (d) Maternal grandfather
- Q. 10) Marks: 0

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







- Q. 11) Marks: OIn a code language 'please come here' is written as 'dc ba fe', 'go out please' is written as 'ba hg ji' and 'come and go' is written as 'lk dc hg'. How will 'out' be written in the same code language?
 - 1. (a) ba
 - 2. (b) ji
 - 3. (c) fe
 - 4. (d) lk
- Q. 12) Marks: 0

Select the number from among the given options that can replace the question mark (?) in the following series.

- 3, 5, 15, 41, ?, 173
 - 1. (a) 112
 - 2. (b) 91
 - 3. (c) 78
 - 4. (d) 106
- Q. 13) Marks: 0There are eight friends Amit, Varsha, Suyog, Pooja, Shubham, Suhas, Nitin, and Pankaj sitting around a circular table facing inside not necessarily in the same order. There are three-person sitting between Amit and Suyog. The person who faces Suhas sits third to the right of Amit. Pooja is third to the left of Nitin. Varsha is not an immediate neighbor of Amit and Suyog. The person facing Nitin is not Pankaj. There are two-person sitting between Pooja and Suhas. Find who is sitting between Pankaj and Shubham.
 - 1. (a) Varsha
 - 2. (b) Suyog
 - 3. (c) Pooja
 - 4. (d) Nitin
- Q. 14) Marks: 0

In the following question, find the missing number from the given series.

- 10, 29, 85, 252, ?
 - 1. (a) 756
 - 2. (b) 752
 - 3. (c) 758
 - 4. (d) 754
- Q. 15) Marks: 0In a march past, 7 persons are sitting in a row, facing north. S sits to the immediate left of T but to the right of R. Q sits to the immediate right of P but to the left of R. O sits to the immediate right of N but to the left of P. Who is at the extreme right?
 - 1. (a) R
 - 2. (b) S
 - 3. (c) Q
 - 4. (d) T

• Q. 16) Marks: 0

Directions: Study the following information carefully and answer the question that follows:

Six friends Maria, Shreya, Rachana, Jubin, Lavanya and Ravi live in a building with six floors.

No one lives below Rachana. Only one person lives between Rachana and Shreya. The number of persons living above Jubin is same as the number of persons living below Shreya. Lavanya live on the floor immediately above the floor on which Ravi lives. Who lives on the floor which is immediately above Jubin?

- 1. (a) Maria
- 2. (b) Ravi
- 3. (c) Shreya
- 4. (d) Lavanya
- Q. 17) Marks: 0

Select the correct sequence of mathematical signs to sequentially replace the * signs and balance the given equation.

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8 * 20 * 320 * 20 * 10 = 166
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- 1. (a) +, \times , -, \div
- 2. (b) \times , +, \div , -
- 3. (c) \div , ×, +, -
- 4. (d) -, \div , +, \times
- Q. 18) Marks: 0

Study the given information carefully and answer the question given below:

Shikhar walked 18 km towards east, took right turn and walked 20 km. He then took a left turn and walked 25 km. Then, he took a left turn and walked 20 km. Then, he took a right turn and walked 10 km. Then, he took a left turn and walked 24 km. Finally, he took a left turn and walked 35 km.

In which direction was he Moving finally?

- 1. (a) East
- 2. (b) West
- 3. (c) North
- 4. (d) South
- Q. 19) Marks: 0

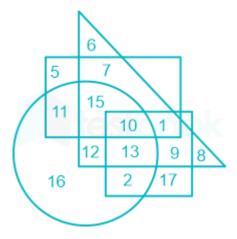
Find out a set of numbers amongst the four sets of numbers given in the alternatives, which is most like the set given in the question.

Given set (2, 10, 58)

- 1. (a) (4, 20, 118)
- 2. (b) (7, 42, 49)
- 3. (c) (12, 24, 47)
- 4. (d) (9, 27, 81)
- Q. 20) Marks: 0In a certain code language, 'SMILE' is written as 'HORNV' and 'ANGER' is written as 'ZVTMI'. How will 'REPLY' be written in that language?
 - 1. (a) IVKOB
 - 2. (b) BVKOI

- 3. (c) IOKVB
- 4. (d) BOKVI
- Q. 21) Marks: 0Arnav ranked 105th from the top and 16th from the bottom in his class. How many students are there in the class?
 - 1. (a) 131
 - 2. (b) 132
 - 3. (c) 129
 - 4. (d) 120
- Q. 22) Marks: 0

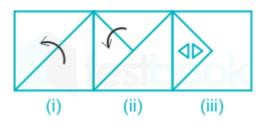
In the following diagram, the circle represents 'Managers', the square represents 'Honest', the rectangle represents 'Females', and the triangle represents 'Rural'.

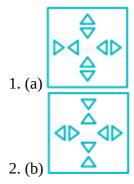


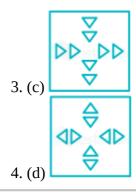
The number that represents rural honest managers who are NOT females is:

- 1. (a) 12
- 2. (b) 9
- 3. (c) 13
- 4. (d) 10
- Q. 23) Marks: 0

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?







• Q. 24) Marks: 0

Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

8:1024::9:?::11:2662

- 1. (a) 1686
- 2. (b) 1356
- 3. (c) 1292
- 4. (d) 1458
- Q. 25) Marks: 0

Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

pq_dh_qmd_p_m_h_q_dh

- 1. (a) m, p, q, h, d, p, m
- 2. (b) d, h, m, m, p, p, q
- 3. (c) d, m, m, p, p, h, q
- 4. (d) m, p, h, q, d, p, m

Section: General Awareness

- Q. 1) Marks: 0Which award is known as Nobel Peace Prize of Asia?
 - 1. (a) Pulitzer Prize
 - 2. (b) Magsaysay Award
 - 3. (c) The DSC Prize
 - 4. (d) Grammy Awards
- Q. 2) Marks: 0Which of these pairings between the nations that dominated the medal count and the respective sporting events is incorrect?
 - 1. (a) China 2022 Winter Paralympics
 - 2. (b) Norway 2022 Winter Olympics
 - 3. (c) Jamaica 2022 World athletics Championship
 - 4. (d) USA 2021 Summer Olympics
- Q. 3) Marks: 0Which Indian state among the following does NOT have a border with Nepal?
 - 1. (a) Uttar Pradesh
 - 2. (b) West Bengal
 - 3. (c) Uttarakhand
 - 4. (d) Assam
- Q. 4) Marks: 0The first Arya Samaj unit was organised at which of the following places?

	1. (a) Delhi 2. (b) Calcutta 3. (c) Bombay 4. (d) Madras
•	Q. 5) Marks: 0monitors user activity on internet and transmit that information in the background to someone else. 1. (a) Malware 2. (b) Spyware 3. (c) Adware 4. (d) None of these
•	Q. 6) Marks: 0Which one of the following leaders of the Congress was totally in favour of Cabinet Mission Plan? 1. (a) Mahatma Gandhi 2. (b) Jawaharlal Nehru 3. (c) Sardar Patel 4. (d) Maulana Abul Kalam Azad
•	Q. 7) Marks: 0Who is the author of the book 'The Founders: The Story of Paypal and the Entrepreneurs Who Shaped Silicon Valley'? 1. (a) Chetan bhagat 2. (b) Kiran Desai 3. (c) Jimmy Soni 4. (d) Shashi Tharoor
•	Q. 8) Marks: 0Under which constitutional amendment act was Goa included into the Indian Union? 1. (a) 25 th Amendment 2. (b) 15 th Amendment 3. (c) 20 th Amendment 4. (d) 12 th Amendment
•	Q. 9) Marks: 0Phra Khrut Pha is the National symbol of which of the following? 1. (a) Nepal 2. (b) Thailand 3. (c) Myanmar 4. (d) Phillippines
•	Q. 10) Marks: 0During the sultanate period Diwan-i-ariz was the department of 1. (a) revenue 2. (b) military 3. (c) administration 4. (d) law
•	Q. 11) Marks: 0In February 2022, the Union Minister for Health and Family Welfare launched the National Polio Immunisation Drive for 2022 for administering polio drops to children below years of age. 1. (a) Nine 2. (b) Five 3. (c) Eight 4. (d) Seven
•	Q. 12) Marks: 0Who designed the Sarvodaya Plan in 1950? 1. (a) Gopal Krishna Gokhale 2. (b) Jai Prakash Narayan 3. (c) Sardar Vallabhbhai Patel

4. (d) Maulana Abul Kalam
 Q. 13) Marks: 0Which of the following is used as crease resistant in textile industry? 1. (a) Phenols 2. (b) Formaldehyde 3. (c) Oxy-ethylated polyamides 4. (d) Poly ammonium quaternary salts
4. (a) Pory animomum quaternary saits
 Q. 14) Marks: 0The goal set to limit global temperature rise for this century at Paris agreement was-1. (a) Below 1 °C above pre-industrial level. 2. (b) Well below 3 °C above pre-industrial level. 3. (c) Well below 2 °C above pre-industrial level. 4. (d) Well below 3.5 °C above pre-industrial level.
 Q. 15) Marks: 0Tejaswin Shankar became the first Indian to win a bronze medal in the high jump event at Commonwealth games 2022. What was the height of his jump? 1. (a) 2.40 meters 2. (b) 2.23 meters 3. (c) 2.34 meters 4. (d) 2.22 meters
 Q. 16) Marks: 0Which is the only continent through which the Tropic of Cancer, Equator and the Tropic of Capricorn passes? 1. (a) Australia 2. (b) South Africa 3. (c) Asia 4. (d) Africa
 Q. 17) Marks: 0'Sakshar Bharat Abhiyan' was launched on- 1. (a) 8 September, 2009 2. (b) 8 April, 2010 3. (c) 8 September, 2010. 4. (d) 8 April, 2009
 Q. 18) Marks: 0The Orang National Park & Tiger Reserve received the prestigious 2nd Annual IUCN WCPA International Ranger Award 2022. Where it is located? (a) Assam (b) Uttarakhand (c) Himachal Pradesh (d) Madhya Pradesh
 Q. 19) Marks: 0Who among the following was given the title of 'Amitraghata' by the Greek authors? 1. (a) Chandragupta Maurya 2. (b) Alexander 3. (c) Seleucus Nicator 4. (d) Bindusara
 Q. 20) Marks: 0Seminiferous tubules are separated by - (a) sertoli cells (b) interstitial cells (c) intercellular fluids (d) lining of the seminiferous tubules
 Q. 21) Marks: 0Rabindranath Tagore revived by introducing it in Shantiniketan. 1. (a) Odissi 2. (b) Kuchipudi 3. (c) Manipuri

Q. 22) Marks: 0According to ISRO, the X-ray spectrometer 'CLASS' of the	
	Orbiter
has mapped an abundance of sodium on the moon for the first time in October 2022.	
1. (a) Chandrayaan-2 2. (b) ASTROSAT	
3. (c) NISAR	
4. (d) Mangalyaan	
(a) Mangaryaan	
Q. 23) Marks: 0	
Which of the following option is an <i>incorrect</i> pair?	
1. (a) Ranji Trophy - Cricket	
2. (b) Burdwan Trophy - Weightlifting	
3. (c) Dhyan Chand Trophy - Football	
4. (d) Thomas Cup - Badminton	
Q. 24) Marks: 0Article 243 C is related to	
1. (a) Gram Sabha	
2. (b) Constitution of Panchayats	
3. (c) Definitions of Panchayats	
4. (d) Composition of Panchayats	
Q. 25) Marks: 0Rohan wants to purchase an instrument which can measure the torque	e generated by his
car. What would be the best choice for him?	
1. (a) Electrometer	
2. (b) Accelerometer	
3. (c) Manometer	
4. (d) Dynamometer	
n: Quantitative Aptitude	
Q. 1) Marks: 2Find the smallest number that is when reduced by 11 is divisible by 6,	12, 18 and 20.
4 () 404	
1. (a) 191	
2. (b) 181	
2. (b) 181 3. (c) 171	
2. (b) 181	
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and 	slant height 17
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 	slant height 17
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 	slant height 17
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 	slant height 17
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 3. (c) 10.408 	slant height 17
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 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 3. (c) 10.408 4. (d) 10.840 Q. 3) Marks: -0.5An article was sold at x% profit for Rs. 875. When the same article 896, the profit made was 3% more than the previous profit. The value of x is: 	
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 3. (c) 10.408 4. (d) 10.840 Q. 3) Marks: -0.5An article was sold at x% profit for Rs. 875. When the same article 896, the profit made was 3% more than the previous profit. The value of x is: 1. (a) 30 	
 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 3. (c) 10.408 4. (d) 10.840 Q. 3) Marks: -0.5An article was sold at x% profit for Rs. 875. When the same article 896, the profit made was 3% more than the previous profit. The value of x is: 	
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 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 3. (c) 10.408 4. (d) 10.840 Q. 3) Marks: -0.5An article was sold at x% profit for Rs. 875. When the same article 896, the profit made was 3% more than the previous profit. The value of x is: 1. (a) 30 2. (b) 24 	
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 2. (b) 181 3. (c) 171 4. (d) 201 Q. 2) Marks: -0.5Find the capacity (in litres) of a conical vessel with radius 8 cm and cm. (π = 3.14) 1. (a) 1.0048 2. (b) 1.0556 3. (c) 10.408 4. (d) 10.840 Q. 3) Marks: -0.5An article was sold at x% profit for Rs. 875. When the same article 896, the profit made was 3% more than the previous profit. The value of x is: 1. (a) 30 2. (b) 24 3. (c) 25 4. (d) 20 	was sold for Rs.

- 1. (a) ₹7,500
- 2. (b) ₹7,725
- 3. (c) ₹7,290
- 4. (d) ₹7,250
- Q. 5) Marks: 2The straight-line kx 3y = 6 passes through the point (3, 2). What is the value of k?
 - 1. (a) 4
 - 2. (b) 3
 - 3. (c) 6
 - 4. (d) 2
- Q. 6) Marks: 2The total cost price of a watch and a fan is Rs. 1,170. Rama sells the watch at a profit of 20% and the fan at a profit of 25%. If he earns a total profit of Rs. 265, then the cost price of watch is:
 - 1. (a) Rs. 550
 - 2. (b) Rs. 480
 - 3. (c) Rs. 450
 - 4. (d) Rs. 620
- Q. 7) Marks: 260 men could complete a piece of work in 250 days. They worked together for 200 days. After that, the work had to be stopped for 10 days due to bad weather. How many more men should be engaged to complete the work in time?
 - 1. (a) 12
 - 2. (b) 13
 - 3. (c) 15
 - 4. (d) 20
- Q. 8) Marks: -0.5

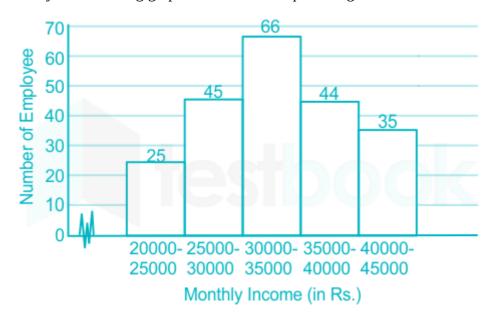
This table shows the number of males and females in some groups. Which of the groups listed has the highest ratio of females to males?

Group Name	No. Of Male	No. of Female
С	950	414
В	650	414
M	700	410
S	720	408
R	740	405

- 1. (a) Group R
- 2. (b) Group C
- 3. (c) Group S
- 4. (d) Group B
- Q. 9) Marks: 2The monthly income of Rajesh and Rakesh are the in ratio 4 : 5. Their expenditure are in the ratio of 6 : 8. They both save Rs. 10000 a month. What are their monthly incomes?
 - 1. (a) Rs. 50000, Rs. 40000

- 2. (b) Rs. 80000, Rs. 60000
- 3. (c) Rs. 60000, Rs. 80000
- 4. (d) Rs. 40000, Rs. 50000
- Q. 10) Marks: 2Two trains running in same direction cross each other in 2 minutes. And in a opposite direction cross each other in 30 seconds. Find the ratio of the speed of the train.
 - 1. (a) 5:3
 - 2. (b) 3:4
 - 3. (c) 5:6
 - 4. (d) 6:5
- Q. 11) Marks: 2

Study the following graph and answer the question given below.



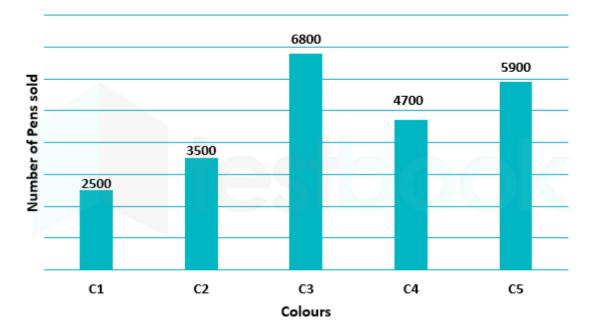
Find the number of employees whose income is more than Rs. 25,000 but less than Rs. 45,000.

- 1. (a) 190
- 2. (b) 155
- 3. (c) 255
- 4. (d) 110
- Q. 12) Marks: 2A vendor bought 25 dozen fruits for Rs. 3,750. Out of these, 50 fruits were rotten and therefore thrown away. At what rate per dozen (in) should he sell the remaining to gain 20% in the entire transaction?
 - 1. (a) 216
 - 2. (b) 180
 - 3. (c) 192
 - 4. (d) 204
- Q. 13) Marks: 2Two cubes each 12 cm edge are joined together end to end. The surface area of the resulting cuboid is -
 - 1. (a) 1660 cm^2
 - 2. (b) 1640 cm²
 - 3. (c) 1460 cm^2
 - 4. (d) 1440 cm²
- Q. 14) Marks: -0.5To pack a set of books, Gautam got cartons of a certain height that were 48 inches long and 27 inches wide. If the volume of such a carton was 22.5 cubic feet, what was the height of

each carton? [Use 1 foot = 12 inches.]

- 1. (a) 36 inches
- 2. (b) 32.5 inches
- 3. (c) 30 inches
- 4. (d) 32 inches
- Q. 15) Marks: 0In a class, there are 60 students and their average weight is 52 kg. When a student leaves the class, the average is reduced by 150 gm. Find the weight of the student who left the class?
 - 1. (a) 60.55 kg
 - 2. (b) 60.85 kg
 - 3. (c) 60.75 kg
 - 4. (d) 60.65 kg
- Q. 16) Marks: 2

The bar chart given below shows the number of pens of 5 different colours sold by a stationery shop in a year.



A = Sum of number of pens of colour C1 and C3.

B = Sum of number of pens of colour C2, C4 and C5.

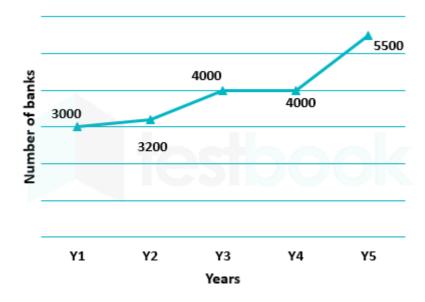
What is the value of B - A?

- 1. (a) 4800
- 2. (b) 3800
- 3. (c) 5200
- 4. (d) 5600
- Q. 17) Marks: 2A can do a piece of work in 24 days and B can do $\frac{2}{5}\frac{2}{5}$ of the same work in 12 days. Both work together for 6 days. How much work is still left?

 - 1. (a) $\frac{9}{20} \frac{9}{20}$ 2. (b) $\frac{11}{20} \frac{11}{20}$ 3. (c) $\frac{17}{20} \frac{17}{20}$ 4. (d) $\frac{13}{20} \frac{13}{20}$

- Q. 18) Marks: 2The ratio of number of men and women in a ice-cream factory of 840 workers is 5 : 7. How many more men should be joined to make the ratio 1 : 1?
 - 1. (a) 240
 - 2. (b) 200
 - 3. (c) 190
 - 4. (d) 140
- Q. 19) Marks: 2A number divided by 16 leaves a remainder 7. What is the remainder when the square of the same number is divided by 16?
 - 1. (a) 1
 - 2. (b) 5
 - 3. (c) 15
 - 4. (d) 11
- Q. 20) Marks: 0Four bells ring at intervals of 6, 8, 9 and 10 seconds. All the bells ring at the same time. After how many minutes will they ring together again?
 - 1. (a) 5
 - 2. (b) 6
 - 3. (c) 8
 - 4. (d) 9
- Q. 21) Marks: -0.5

The line chart given below shows the number of banks in a state in 5 consecutive years.



What is the percentage increase in the number of banks from year Y1 to Y5?

- 1. (a) 66.66
- 2. (b) 83.33
- 3. (c) 33.33
- 4. (d) 87.5
- Q. 22) Marks: 0At a particular time, the length of the shadows of a pole and that of a tower are respectively, 12 m and 27 m. If the height of the pole is 24 m, what is the height (in m) of the tower?
 - 1. (a) 54
 - 2. (b) 63
 - 3. (c) 45
 - 4. (d) 36

- Q. 23) Marks: -0.5If $\cos \theta = \frac{12}{13} \frac{12}{13}$, then the value of $\frac{\sin \theta (1 \tan \theta)}{\tan \theta (1 + \csc \theta)} \frac{\sin \theta (1 \tan \theta)}{\tan \theta (1 + \csc \theta)}$ is:

 - 1. (a) $\frac{25}{78} \frac{25}{78}$ 2. (b) $\frac{35}{234} \frac{35}{234}$ 3. (c) $\frac{35}{108} \frac{35}{108}$ 4. (d) $\frac{25}{156} \frac{25}{156}$
- Q. 24) Marks: 20n decrease in the rate of sugar by 10%, 500 gm more sugar can be bought in Rs.14. Find the new rate per kg (in Rs.) of sugar.
 - 1. (a) 2.8
 - 2. (b) 4
 - 3. (c) 2.9
 - 4. (d) 3
- Q. 25) Marks: -0.5

Simplify the following expression.

$$\frac{5}{7}$$
 of $\frac{2}{5} + \frac{3}{7} - \frac{1}{14} \times 2 \div 1$ $\frac{5}{7}$ of $\frac{2}{5} + \frac{3}{7} - \frac{1}{14} \times 2 \div 1$

- 1. (a) 1
- 2. (b) $\frac{9}{7}$ $\frac{9}{7}$
- 3. (c) $\frac{6}{7}\frac{6}{7}$
- 4. (d) $\frac{4}{7} \frac{4}{7}$

Section: English Comprehension

• Q. 1) Marks: 0

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

The shopkeeper either offered (a)/ to exchange the goods (b)/ or to refund the money. (c)/ No error(d)

- 1. (a) (d)
- 2. (b) (c)
- 3. (c) (b)
- 4. (d) (a)
- Q. 2) Marks: 0

Select the segment of the sentence that contains a grammatical error. If there is no error, mark 'No error'.

According to the Living Planet Report 2020, the percentage of the animal population are declining at a catastrophic rate.

- 1. (a) are declining at a catastrophic rate
- 2. (b) The percentage of the animal population
- 3. (c) According to the Living Planet Report 2020
- 4. (d) No error

Direction: The following question, consists of an incomplete sentence or a sentence which is split into four parts. All four parts are jumbled up and are named as P, Q, R and S. These four parts are not given in their proper order. Arrange the jumbled parts of the sentence and find out which of the four combinations from the given options will correctly complete the sentence.
Education slave.
P: difficult to drive
Q : and easy to govern but impossible to
R : makes people
S: easy to lead, but
1. (a) PQRS 2. (b) RSPQ 3. (c) PQSR 4. (d) SRQP
Q. 4) Marks: 0
Given below are some idioms/phrases followed by four alternative meaning to each. Choose the response (a),(b),(c) or(d) which is the most appropriate expression.
Yellow streak.
 (a) Act in strong way and be very brave. (b) Act in cowardly way and not be very brave. (c) Act in angry way and not be very brave (d) Act in organised way and be very particular.
Q. 5) Marks: 0
Select the most appropriate antonym of the given word.
MORBID
 (a) Cruel (b) horrid (c) cheerful (d) gloomy
Q. 6) Marks: 0I am angry the boys disturbed my sleep. (Fill in the blanks) 1. (a) at, that 2. (b) with, who 3. (c) for, who 4. (d) with, they
Q. 7) Marks: 0
Given below are some idioms/phrases followed by four alternative meaning to each.Choose the response (a),(b),(c) or(d) which is the most appropriate expression.
Cutting corners

1. (a) Doing something properly in order to save time or money.

• Q. 3) Marks: 0

- 2. (b) Doing something harshly in order to save time or money.
- 3. (c) Doing something nicely in order to save time or money.
- 4. (d) Doing something quickly in order to save time or money.
- Q. 8) Marks: 0

Select the correct active form of the given sentence.

The capital of Italy will have been reached by Sabrina

- 1. (a) Sabrina have reached the capital of Italy.
- 2. (b) Sabrina will had reached the capital of Italy.
- 3. (c) Sabrina will have reached the capital of Italy.
- 4. (d) Sabrina will reached the capital of Italy.
- Q. 9) Marks: 0

Fill in the blank with the most appropriate option.

The craze for taking selfies has only increased our _____ with our own image.

- 1. (a) obsession
- 2. (b) impression
- 3. (c) possession
- 4. (d) expression
- Q. 10) Marks: 0

Given here are five sentences. The first sentence is in the correct order, while the rest of the sentences are jumbled. Pick the option that gives the correct order.

- A. English cake recipes using fat are of two main types.
- B. The fat is rubbed into the sifted flour, salt, and leavening agent until the
- C. such as dried fruit is added next, followed by beaten eggs together with any other liquid in the recipe.
- D. The rubbing-in method can be used for most mixtures in which the amount of fat is not more than half the amount of flour by weight.

E.mixture is like fine bread crumbs; sugar and other dry ingredients

- 1. (a) ABDEC
- 2. (b) ADBEC
- 3. (c) ACDEB
- 4. (d) ABDCE
- Q. 11) Marks: 0

Select the most appropriate synonym of the given word.

Salient

- 1. (a) Navigable
- 2. (b) Marine
- 3. (c) Noticeable
- 4. (d) Sturdy
- Q. 12) Marks: 0

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

power of reading thoughts of others

- 1. (a) medium
- 2. (b) telepathy
- 3. (c) instinct

4. (d) astrology
Q. 13) Marks: 0
Direction: Fill in the blank with the future perfect tense of the verb from the given options:
She two miles before reaching the post office.
 (a) will have jogged (b) will have jog (c) will had jogged (d) will jogged
Q. 14) Marks: 0
Select the segment of the sentence that contains a grammatical error. If there is no error, mark 'No error'.
Mohit wanted to buy the revise edition of Laxmikanth's polity book to cover all the important topics.
 (a) to cover all the important topics (b) the revise edition of Laxmikanth's polity book (c) Mohit wanted to buy (d) No error
Q. 15) Marks: 0
Identify the best way to improve the underlined part of the given sentence. If there is no improvement required, select 'no improvement'.
The policeman decided to <u>act on</u> the tip given by his reliable informant.
 (a) act up (b) act out (c) act up to (d) No improvement
Q. 16) Marks: 0
Select the most appropriate synonym of the bold/underlined word in the sentence.
We share the big chair in the canteen and ignore the <u>ribald</u> comments from everyone.
 (a) naughty (b) evasive (c) fallible (d) hazardous
Q. 17) Marks: 0Out of the given four words only one is spelt correctly. Find the word that is correctly spelt. 1. (a) Secular 2. (b) Sccissors 3. (c) Sacrifise 4. (d) Sacretary

• Q. 18) Marks: 0

In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

A person appointed by two parties to solve a dispute

- 1. (a) Arbitrator
- 2. (b) Ascetic
- 3. (c) Bohemian
- 4. (d) Cacographer
- Q. 19) Marks: 0

Select the correct direct narration of the given sentence.

She asked me whether I was coming to the ceremony.

- 1. (a) She said to me, "Are you coming to the ceremony?"
- 2. (b) She said to me, "Were you coming to the ceremony?"
- 3. (c) She said to me, "Are you coming the ceremony?"
- 4. (d) She said me, "Are you coming to the ceremony?"
- Q. 20) Marks: 0

In the question 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, choose 'No improvement'.

By next month I will be finishing all my exams, and I can relax!

- A. will finish
- B. will have been finishing
- C. will have finished
 - 1. (a) Only B
 - 2. (b) Only A
 - 3. (c) Only C
 - 4. (d) No improvement
- Q. 21) Marks: 0Select the most appropriate option to fill blank 1
 - 1. (a) confirmed
 - 2. (b) unsubstantiated
 - 3. (c) invented
 - 4. (d) fabricated
- Q. 22) Marks: 0Select the most appropriate option to fill blank 2
 - 1. (a) survey
 - 2. (b) surveyable
 - 3. (c) surveyed
 - 4. (d) surveys
- Q. 23) Marks: 0Select the most appropriate option to fill blank 3.
 - 1. (a) hurt
 - 2. (b) hurted
 - 3. (c) hurting
 - 4. (d) hurts

- Q. 24) Marks: 0Select the most appropriate option to fill blank 4.
 - 1. (a) undertakes
 - 2. (b) undertaken
 - 3. (c) undertook
 - 4. (d) undertake
- Q. 25) Marks: 0Select the most appropriate option to fill blank 5.
 - 1. (a) communicate
 - 2. (b) communication
 - 3. (c) communicated
 - 4. (d) communicates.