

PREVIOUS YEAR PAPER

## SSC CGL 2022 Tier I — 3 December 2022, Shift 2

SSC CGL · 3 December 2022 · 11:45 AM - 12:45 PM

91 of the paper's 100 questions · +2 for a correct answer, -0.5 for a wrong one · 60 minutes

9 questions of the original paper are not included: those that need a figure or formatting we cannot show, that have no answer in the response sheet, or that we could not check against a second copy of the paper.

Questions from the Staff Selection Commission's paper of 3 December 2022, 11:45 AM - 12:45 PM. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: [exambharo.com/previous-year-papers/ssc-cgl-2022-tier-1-3-dec-shift-2/](https://exambharo.com/previous-year-papers/ssc-cgl-2022-tier-1-3-dec-shift-2/)

### General Intelligence and Reasoning

1. What should come in place of the question mark (?) to complete the following letter cluster series? FHG, IKJ, LNM, ?

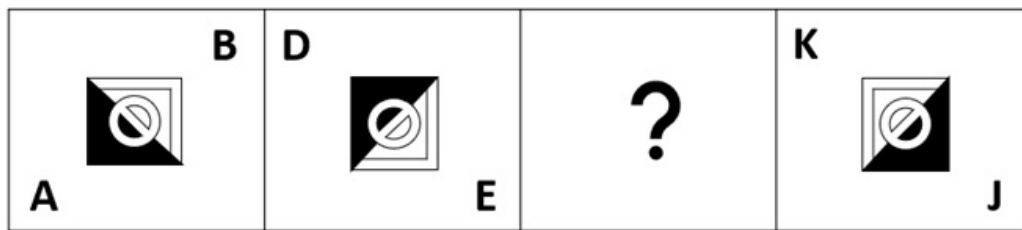
- (a) QOP
- (b) OPQ
- (c) OQP
- (d) PRQ

**Answer: (c)**

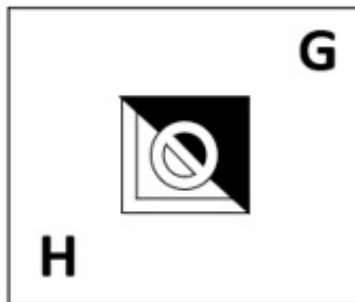


2.

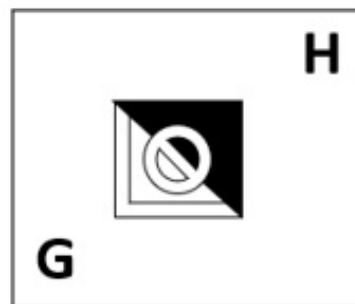
Select the figure from among the given options that can replace the question mark (?) in the following series.



(a)



(b)



(c)



(d)



**Answer: (a)**

4. Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.  $23 * 2 * 2 * 5 * 18$

- (a)  $-, \div, \times, =$
- (b)  $-, \div, +, =$
- (c)  $-, \div, =, +$
- (d)  $-, \times, \div, =$

**Answer: (a)**

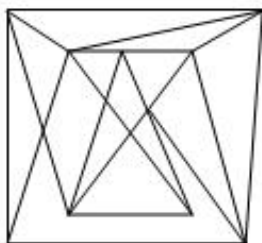


5.

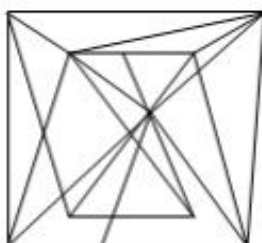
Select the option in which the given figure is embedded (rotation is NOT allowed).



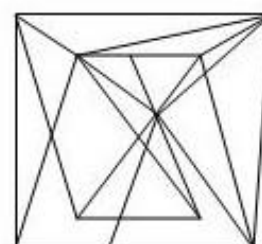
(a)



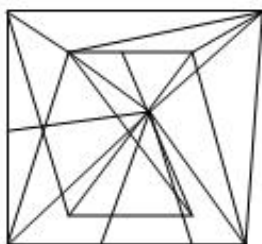
(b)



(c)



(d)



**Answer: (a)**



6. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster. EACH : AEHC :: GAME : AGEM :: IDOL : ?

- (a) OLDI
- (b) DILO
- (c) IDLO
- (d) DIOL

**Answer: (b)**

7. Three of the following letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?

- (a) ANHS
- (b) JEQJ
- (c) JPRT
- (d) PYWD

**Answer: (c)**

8. By interchanging the given two signs and numbers which of the following equation will be correct?  $\times$  and  $+$ , 6 and 4

- (a)  $3 \times 9 - 4 \div 2 + 6 = 8$
- (b)  $8 \times 6 + 4 \div 2 - 5 = -5$
- (c)  $8 - 3 \times 6 + 4 \div 1 = 18$
- (d)  $7 \times 6 - 4 + 9 \div 3 = -7$

**Answer: (d)**

9. Select the set in which the numbers are related in the same way as are the numbers of the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (26, 120, 34) (14, 110, 41)

- (a) (36, 106, 17)
- (b) (72, 240, 16)
- (c) (44, 114, 24)
- (d) (15, 450, 8)

**Answer: (a)**

10. In a certain code language, 'LAPTOP' is written as 'JYNRMN' and 'COLD' is written as 'AMJB', how will 'SKETCHPEN' be written in that language?

- (a) RJDSBHODM
- (b) QICRBHODM
- (c) QICRAFNCL
- (d) RJDSAFNCL

**Answer: (c)**

11. In the following question below are given some statements followed by some conclusions based on those statements. 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 conclusion logically follows the given statements. Statements:

I. All pencil are pen.

II. Some pen are rubber. Conclusion: I. All rubber are pencil. II. Some pen are not pencil.

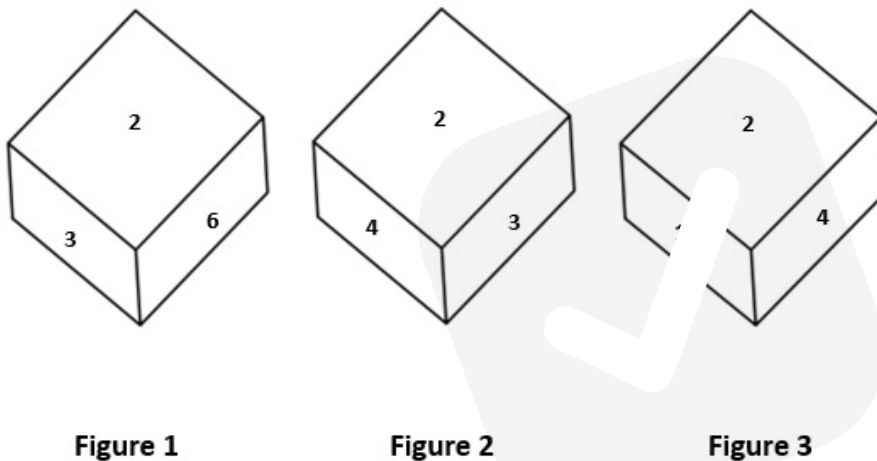
III. Some rubber are not pen.

- (a) Neither conclusion follows
- (b) Only conclusion II follows
- (c) Both conclusions I and III follows
- (d) All conclusion follows

**Answer: (a)**

12.

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'.



- (a) 5
- (b) 2
- (c) 1
- (d) 6

**Answer: (c)**

13. Which number will replace the question mark (?) in the following series? 26, 54, 110, 222, ?, 894

- (a) 446
- (b) 442
- (c) 440
- (d) 444

**Answer: (a)**

14. If  $X - Y$  means that X is the mother of Y,  $X \times Y$  means that X is the father of Y,  $X \div Y$  means that X is the sister of Y, then which of the following expression shows that Q is the son of P?

- (a)  $P - Q \div R$
- (b)  $P - Q \times R$
- (c)  $Q - P \times R$
- (d)  $R \times Q - P$

**Answer: (b)**

15. A # B means 'A is the brother of B' A @ B means 'A is the daughter of B' A & B means 'A is the husband of B' A % B means 'A is the wife of B' If  $G \% M \# L @ P \& C @ B$ , then how is L related to B?

- (a) Daughter
- (b) Granddaughter
- (c) Sister
- (d) Daughter-in-law

**Answer: (b)**

16. In a certain code language, 'INNER' is written as 'SNNWJ' and 'GLASS' is written as 'UPAIL'. How will 'MODEL' be written in that language?

- (a) OMXVP
- (b) OMXWP
- (c) OMWWP
- (d) OMXWO

**Answer: (b)**

17. 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.  $30 : 48 :: 60 : ? :: 45 : 72$

- (a) 96
- (b) 92
- (c) 90
- (d) 88

**Answer: (a)**

19. Select the odd group of numbers. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- (a) 13 – 159
- (b) 9 – 71
- (c) 5 – 31
- (d) 17 – 279

**Answer: (c)**

20. Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed) (8, 12, 6) (9, 18, 8)

- (a) (4, 12, 6)
- (b) (12, 24, 8)
- (c) (7, 24, 4)
- (d) (9, 10, 11)

**Answer: (b)**

21. Which of the following interchange of numbers and mathematical signs would make the given equation correct?  $72 \div 8 \times 9 - 36 + 20 = 80$

- (a) 20 and 80,  $\times$  and  $+$
- (b) 9 and 36,  $\times$  and  $\div$
- (c) 36 and 72,  $\div$  and  $-$
- (d) 8 and 9,  $+$  and  $-$

**Answer: (d)**

22. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. TQT, ZSB, FUJ, LWR, ?

- (a) RYZ
- (b) RMZ
- (c) RYA
- (d) RNZ

**Answer: (a)**

23. Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. Statements: No student is a teacher. All students are children. Some girls are students. Conclusions:

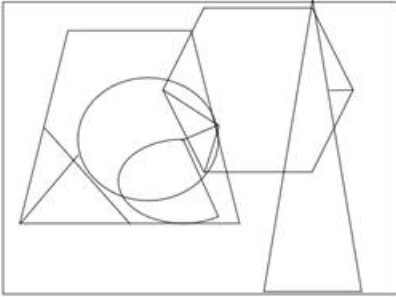
- I. Some children are not teachers.
- II. Some girls are not teachers.
- III. No girl is a teacher.

- (a) Only conclusions I and II follow
- (b) All conclusions follow
- (c) Only conclusions II and III follow
- (d) Only conclusions I and III follow

**Answer: (a)**

24.

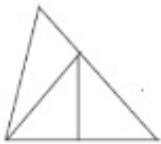
Select the option figure that is embedded in the given figure. (Rotation is not allowed).



(a)



(b)



(c)



(d)



**Answer: (c)**



25.

Select the figure from the options that can replace the question mark (?) and complete the given pattern.

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | L | O | T | L | B | T | O | C | V | 8 | = | V | C | = | 8 |   |
| △ | □ | Z | ↑ | ↑ | △ | □ | Z | △ | ↑ | Z | □ | □ | △ | ↑ | Z | ? |
| 8 | = | C | V | V | C | = | 8 | B | L | O | T | T | O | L | B |   |

(a)

|   |   |   |   |
|---|---|---|---|
| O | T | B | L |
| △ | □ | Z | ↑ |
| C | V | 8 | = |

(b)

|   |   |   |   |
|---|---|---|---|
| T | O | L | B |
| V | C | = | 8 |
| □ | △ | ↑ | Z |

(c)

|   |   |   |   |
|---|---|---|---|
| C | V | B | L |
| △ | □ | Z | ↑ |
| O | T | 8 | = |

(d)

|   |   |   |   |
|---|---|---|---|
| O | T | 8 | = |
| △ | □ | Z | ↑ |
| C | V | B | L |

Answer: (a)

## General Awareness

1. How many types of taxes were in the reign of the ruler Alauddin Khalji?

- (a) 3
- (b) 5
- (c) 6
- (d) 2

**Answer: (a)**

2. The bare ground between plants is covered with a layer of organic matter in order to retain soil moisture. This method is called \_\_\_\_\_.

- (a) Mulching
- (b) Rock dam
- (c) Shelter belts
- (d) Contour barriers

**Answer: (a)**

3. In which of the following years was the Fit India Movement launched by Ministry of Youth Affairs and Sports, GoI?

- (a) 2018
- (b) 2001
- (c) 2020
- (d) 2019

**Answer: (d)**

4. Husk of a coconut is made of \_\_\_\_\_ tissue.

- (a) Collenchyma
- (b) Xylem
- (c) Sclerenchyma
- (d) Parenchyma

**Answer: (c)**

6. The Government of India started DACE scheme in April 2022. This scheme was launched under which of the following ministries?

- (a) Ministry of Social Justice and Empowerment
- (b) Ministry of Corporate Affairs
- (c) Ministry of Rural Development
- (d) Ministry of Education

**Answer: (a)**

7. Whose birthday is celebrated as International Day of Non-Violence?

- (a) Rajendra Prasad
- (b) Subhash Chandra Bose
- (c) Jawaharlal Nehru
- (d) Mahatma Gandhi

**Answer: (d)**



9. In which year was Kalidas Samman established?

- (a) 1978
- (b) 1975
- (c) 1984
- (d) 1980

**Answer: (d)**

10. Who among the following has won Oscars as well as a Golden Globe award for his contribution to international music?

- (a) Pt. Jasraj
- (b) A.R.Rahman
- (c) Ravi Shankar
- (d) Zakir Hussain

**Answer: (b)**

11. Asia is separated from Europe by \_\_\_\_\_ mountains.

- (a) Himalayan
- (b) Andes Mountains
- (c) Alps
- (d) Ural

**Answer: (d)**

12. Which of the following states have the highest literacy rate, according to census 2011?

- (a) Lakshadweep
- (b) Goa
- (c) Mizoram
- (d) Kerala

**Answer: (d)**

13. The system based on individual leadership is a \_\_\_\_\_ system.

- (a) semi-parliamentary
- (b) parliamentary
- (c) presidential
- (d) semi-presidential

**Answer: (c)**

14. Which of the following rivers is NOT included in the 'Panchnad'?

- (a) The Beas
- (b) The Sutlej
- (c) The Indus
- (d) The Ravi

**Answer: (c)**

15. The final of the French Open (Roland Garros) Tennis 2021 for men took place on which day?

- (a) 13 June
- (b) 30 July
- (c) 13 July
- (d) 5 June

**Answer: (a)**

16. Union Minister of Petroleum & Natural Gas Hardeep Singh Puri inaugurated Asia's largest Compressed Bio Gas (CBG) plant in \_\_\_\_\_.

- (a) Gujarat
- (b) Rajasthan
- (c) Punjab
- (d) Maharashtra

**Answer: (c)**

18. Some important administrative posts were hereditary during the Rashtrakuta and Chola dynasties. The post 'nagara-shreshthi' meant?

- (a) Leader of the merchant caravans
- (b) Merchant of the city
- (c) Important minister
- (d) Chief judicial officer

**Answer: (b)**

19. Which of the following is added in the national income to obtain personal income of the households?

- (a) Net interest payments
- (b) Transfer payments from government and firms
- (c) Undistributed profits
- (d) Corporate tax

**Answer: (b)**

20. Who conducted X-ray spectroscopic study of a large number of elements and showed that the frequency of X-rays emitted by an element is related to the atomic number,  $Z$ , rather than the atomic mass?

- (a) Lothar Meyer
- (b) Dmitri Mendeleev
- (c) Henry Moseley
- (d) Johann Dobereiner

**Answer: (c)**

21. Which Five-Year Plan in India was mainly focussed on Garibi Hatao, creation of employment opportunities and agricultural production amongst other objectives?

- (a) Fifth
- (b) Fourth
- (c) Third
- (d) Second

**Answer: (a)**

24. Jata-Jatin is the folk dance of which Indian state?

- (a) Manipur
- (b) Odisha
- (c) Bihar
- (d) West Bengal

**Answer: (c)**

25. Mughal ruler, Aurangzeb died in which year?

- (a) 1703
- (b) 1705
- (c) 1707
- (d) 1701

**Answer: (c)**

## Quantitative Aptitude

1. In an equilateral triangle ABC, D is the midpoint of side BC. If the length of BC is 8 cm, then the height of the triangle is:

- (a) 5.5 cm
- (b) 4.5 cm
- (c)  $6\sqrt{3}$  cm
- (d)  $4\sqrt{3}$  cm

**Answer: (d)**

2. A thief steals a bike at 12:30p.m. and drives it at 48km/h. But the theft is discovered after half an hour. The bike owner starts to chase him on another bike at 58km/h. The thief will be caught at \_\_\_\_\_.

- (a) 3:40p.m.
- (b) 3:54p.m.
- (c) 3:10p.m.
- (d) 3:24p.m.

**Answer: (d)**

3. If  $\Delta ABC \sim \Delta FDE$  such that  $AB = 9$  cm,  $AC = 11$  cm,  $DF = 16$  cm and  $DE = 12$  cm, then the length of  $BC$  is:

- (a)  
 $5\frac{3}{4}$  cm
- (b)  
 $4\frac{3}{5}$  cm
- (c)  
 $3\frac{5}{7}$  cm
- (d)  
 $6\frac{3}{4}$  cm

**Answer: (d)**

4. The radii of two cylinders are in the ratio 1 : 4 and their heights are in the ratio 4 : 3. Their volumes will be in the ratio \_\_\_\_\_.

- (a) 1 : 12
- (b) 2 : 9
- (c) 3 : 10
- (d) 1 : 9

**Answer: (a)**

5.

If  $x + \frac{1}{x} = 2 \cos \theta$ , then  $x^3 + \frac{1}{x^3} = ?$

- (a)  $2 \cos 2\theta$
- (b)  $\cos 3\theta$
- (c)  $2 \cos 3\theta$
- (d)  $\cos 2\theta$

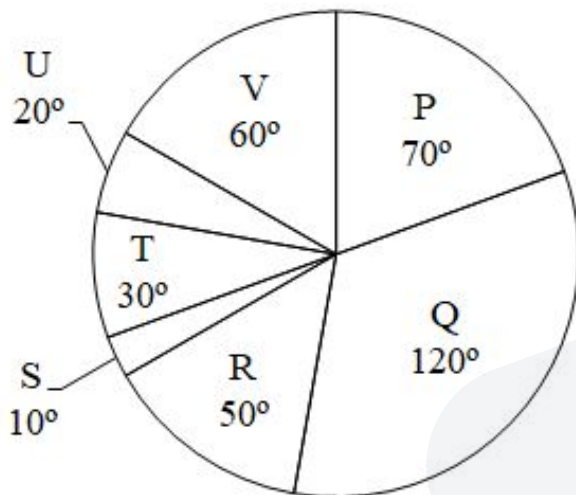
**Answer: (c)**

6. A and B can do a certain work in 6 hours, and A, B and C together take 4 hours to do the same. How long will it take for C alone to accomplish the task?

- (a) 12 hours
- (b) 4 hours
- (c) 2 hours
- (d) 6 hours

**Answer: (a)**

7. The pie chart given below shows the expenditure incurred by a person on 7 articles. The total expenditure of all these 7 articles are 3600. Expenditure incurred on a particular article is shown in terms of degree with respect to the total expenditure incurred in all these 7 articles.



What is the average expenditure incurred on article and Q?

- (a) 875
- (b) 905
- (c) 885
- (d) 950

**Answer: (d)**

8.

$\sin^4\theta + \cos^4\theta$  in terms of  $\sin\theta$  can be written as:

- (a)  
 $2\sin^4\theta + 2\sin^2\theta - 1$
- (b)  
 $2\sin^4\theta - 2\sin^2\theta$
- (c)  
 $2\sin^4\theta - 2\sin^2\theta - 1$
- (d)  
 $2\sin^4\theta - 2\sin^2\theta + 1$

**Answer: (d)**

9. Three circles of radius 6 cm are kept touching each other. The string is tightly tied around these three circles. What is the length of the string?

- (a)  $36 + 12\pi$  cm
- (b)  $36 + 18\pi$  cm
- (c)  $24 + 36\pi$  cm
- (d)  $36 + 20\pi$  cm

**Answer: (a)**

10.

If  $x = 3 + 2\sqrt{2}$ ,  $x > 0$ , then the value of  $\sqrt{x} - \frac{1}{\sqrt{x}}$  is:

- (a)  
1
- (b)  
 $\sqrt{2}$
- (c)  
2
- (d)  
 $2\sqrt{2}$

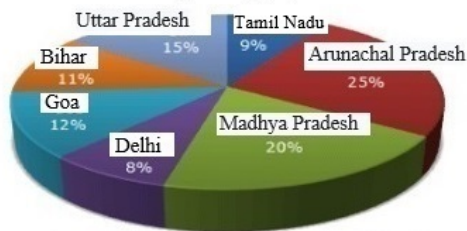
**Answer: (c)**



11.

Study the given graph and table and answer the following question.

Data of different states regarding population of states in the year 1998



Total population of the given states = 32760000

| States            | Sex and literacy wise Population Ratio |   |          |            |
|-------------------|----------------------------------------|---|----------|------------|
|                   | Sex                                    |   | Literacy |            |
|                   | M                                      | F | Literate | Illiterate |
| Arunachal Pradesh | 5                                      | 3 | 2        | 7          |
| Madhya Pradesh    | 3                                      | 1 | 1        | 4          |
| Delhi             | 2                                      | 3 | 2        | 1          |
| Goa               | 3                                      | 5 | 3        | 2          |
| Bihar             | 3                                      | 4 | 4        | 1          |
| Uttar Pradesh     | 3                                      | 2 | 7        | 2          |
| Tamil Nadu        | 3                                      | 4 | 9        | 4          |

If in the year 1998, there was an increase of 20% in the population of Goa and 10% in the population of Arunachal Pradesh compared to the previous year, then what was the ratio of populations of Goa and Arunachal Pradesh in 1997?

- (a)  
7 : 11
- (b)  
11 : 25
- (c)  
4 : 5
- (d)  
25 : 11

**Answer: (b)**

12. Suman paid ₹9,600 in interest on a loan she obtained 5 years ago with a simple interest rate of 16%. What was the amount of the loan she had taken?

(a)

₹13,250

(b)

₹12,500

(c)

₹12,000

(d)

₹11,750

**Answer: (c)**

13.  $\tan(\theta - 14\pi)$  is equal to:

(a)

$\tan\theta$

(b)

$-\cot\theta$

(c)

$\cot\theta$

(d)

$-\tan\theta$

**Answer: (a)**

14.

What will be the remainder when  $7^{42}$  is divided by 48?

(a) 2

(b) 3

(c) 1

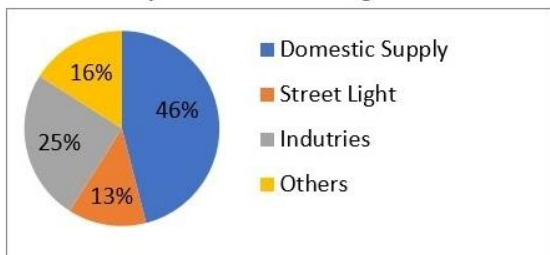
(d) 0

**Answer: (c)**

15.

The following pie chart represents the units of electricity sold to various categories in a month by an Electricity Supplier.

Electricity sold to various categories of a town



The central angle of the sector corresponding to supply for Industries is:

(a)

48°

(b)

25°

(c)

46°

(d)

90°

**Answer: (d)**

16. Number  $p$  is 15% more than 150. If  $k$  is 15% less than  $p$ , then  $k$  is equal to:

(a) 136.324

(b) 166.625

(c) 116.328

(d) 146.625

**Answer: (d)**

17. What is the HCF of 36 and 198?

(a) 36

(b) 22

(c) 18

(d) 9

**Answer: (c)**

18. The cost of a piece of diamond varies with the square of its weight. A diamond of Rs.6,084 value is cut into 3 pieces whose weights are in the ratio 3 : 2 : 1. Find the loss involved in the cutting.

- (a) Rs.3,768
- (b) Rs.3,718
- (c) Rs.3,168
- (d) Rs.3,518

**Answer: (b)**

19. The marked price of an article is ₹10,927. Due festive season, a certain percentage of discount is declared. Raju buys an article at reduced price and sells it at ₹109,27, and makes a profit of 11.5%. What was the percentage discount offered?

- (a)  
10.3%
- (b)  
11.3%
- (c)  
11.5%
- (d)  
10.9%

**Answer: (a)**

20. If

$$x + \frac{1}{x} = -2$$

, then what is the value of

$$x^{17} + x^{-17} + x^{12} + x^{-12}$$

? ( $x < 0$ )

- (a) -2
- (b) -1
- (c) 1
- (d) 0

**Answer: (d)**



21.

Find the mean proportion between  $(6 + \sqrt{8})$  and  $(3 - \sqrt{2})$ .

(a)

$$2\sqrt{12}$$

(b)

$$\sqrt{14}$$

(c)

$$(6 - \sqrt{8})$$

(d)

$$\sqrt{15} - 7$$

**Answer: (b)**

22.

If  $x - y = 1$  and  $x^2 + y^2 = 41$  where  $x, y \geq 0$ , then the value of  $x + y$  will be:

(a) 9

(b) 8

(c) 6

(d) 7

**Answer: (a)**

23.

$\triangle XYZ \sim \triangle GST$  and  $XY : GS = 2:3$ ,  $XV$  is the median to the side  $YZ$ , and  $GD$  is the median to the side  $ST$ . The value of  $(\frac{YV}{SD})^2$  is \_\_\_\_\_.

(a)

$$\frac{4}{9}$$

(b)

$$\frac{3}{5}$$

(c)

$$\frac{1}{4}$$

(d)

$$\frac{2}{3}$$

**Answer: (a)**

24. Vikas covered a certain distance by bike. If he covers 40% of the distance at 40 km/h, 50% of the distance at 25 km/h and the remaining 10% distance at 10 km/h. Find his average speed over the whole distance.

- (a) 25 km/h
- (b) 28 km/h
- (c) 26 km/h
- (d) 30 km/h

**Answer: (a)**

25. The table given below shows the production of refrigerator by 6 companies.

| Companies | Production |
|-----------|------------|
| E         | 300        |
| F         | 270        |
| G         | 260        |
| H         | 240        |
| I         | 220        |
| J         | 250        |

What is the ratio of production of refrigerator by company G to the production of refrigerator by company I?

- (a) 12 : 13
- (b) 11 : 13
- (c) 13 : 11
- (d) 13 : 12

**Answer: (c)**

## English Comprehension

1. Select the most appropriate option that can substitute the underlined segment in the given sentence.

Oscar is the most prestigious award which is introduced to good actors in that year.

- (a) rewarded to good
- (b) nominated to fine
- (c) awarded to best
- (d) attached to fine

**Answer: (c)**

2. Select the most appropriate option that can substitute the underlined segment in the given sentence. When I reached home late, I found my children waiting on me.

- (a) waiting with me
- (b) waiting by me
- (c) waiting about me
- (d) waiting for me

**Answer: (d)**

3. Select the most appropriate option to fill in the blank. Our school had decided to take us to the Himalayas for excursion. I \_\_\_\_\_ to convince my mother to give consent.

- (a) fought fire with fire
- (b) brought home the bacon
- (c) made waves
- (d) left no stones unturned

**Answer: (d)**

4. Identify the INCORRECTLY spelt word in the given sentence. The rhyme and rhythm of Papai's poems are highly symbolical and timely.

- (a) Rhime
- (b) Timely
- (c) Rhythm
- (d) Symbolical

**Answer: (a)**

5. Select the INCORRECTLY spelt word.

- (a) Justice
- (b) Judege
- (c) Attorney
- (d) Lawyer

**Answer: (b)**

6. Select the sentence with the appropriate use of an adverb of frequency.

- (a) Radha goes to Nagpur with great affection.
- (b) Radha goes to Nagpur for her office work.
- (c) Radha often goes to Nagpur.
- (d) Radha goes to Nagpur to meet her uncle.

**Answer: (c)**

7. Select the most appropriate synonym of the given word. Obligatory

- (a) Unnecessary
- (b) Compulsory
- (c) Chosen
- (d) Optional

**Answer: (b)**

8. Select the most appropriate ANTONYM of the underlined word. Built by King Narasimhadeva I of the Eastern Ganga dynasty from 1238-1250 CE, the 13th century late-style Kalingan temple forms part of the golden triangle of Odisha, along with Puri and Bhubaneswar, and attracts tourists, pilgrims, and history and art lovers.

- (a) Embodies
- (b) Shrouds
- (c) Elucidates
- (d) Deters

**Answer: (d)**

10. Select the most appropriate option to fill in the blank. Anita is an employee who has unconditional \_\_\_\_\_ for her company.

- (a) support
- (b) dedication
- (c) attachment
- (d) love

**Answer: (d)**

11. Rearrange the parts of the sentence in correct order. The spectacular

P. Indian economy, were largely based on coal

Q. expansion of electrification of the

R. the last 20 years, and the considerable

S. Chinese economic growth of

- (a) QRPS
- (b) SQRP
- (c) PRQS
- (d) SRQP

**Answer: (d)**

13. Select the correct active form of the given sentence. Why is peace being demanded by you?

- (a) Why you are demanding peace?
- (b) Why are peace demanded?
- (c) Why are you demanding peace?
- (d) Why you demand peace?

**Answer: (c)**

14. Select the most appropriate ANTONYM of the underlined word. The WHO issued a statement on Sunday morning that though the Omicron variant of coronavirus may appear to be less severe, it should not be dismissed as 'mild'.

- (a) Withered
- (b) Sick
- (c) Gentle
- (d) Voracious

**Answer: (c)**

15. Select the correct passive form of the given sentence. They fired her because she was careless.
- (a) She is being fired by them because she was careless.
  - (b) She is fired by them because she was careless.
  - (c) She had been fired by them because she was careless.
  - (d) She was fired by them because she was careless.

**Answer: (d)**

16. Select the most appropriate option to fill in the blank. He has experienced \_\_\_\_\_ abuse.
- (a) palpable
  - (b) visible
  - (c) physical
  - (d) intangible

**Answer: (c)**

17. The question below consists of a set of labeled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. You can use proper lighting, reduce screen glare, and take more breaks.

Q. However, one of the easiest habits to build is to follow the "20-20-20 rule".

R. There are lots of ways you can protect your eyes during the day.

S. Every 20 minutes of time spent staring at a screen, look away at an option that is at least 20 feet away for 20 seconds.

- (a) SQPR
- (b) QRSP
- (c) RPQS
- (d) SPRQ

**Answer: (c)**

18. Select the most appropriate meaning of the underlined idiom in the given sentence.

Being an ardent professional, the lawyer always kept his clients at an arm's length.

- (a) Away from each other
- (b) At a distance
- (c) Under wraps
- (d) Alert and prepared

**Answer: (b)**

19. Select the most appropriate synonym of the underlined word in the given sentence.

Rahul was sharing some of his childhood stories and they were hysterical.

- (a) Emotional
- (b) Dangerous
- (c) Funny
- (d) Scary

**Answer: (c)**

20. Select the most appropriate option that can substitute the underlined segment in the given sentence.

Not only is my brother intelligent though hard working too.

- (a) or hard working
- (b) but hard working
- (c) so hard working
- (d) yet hard working

**Answer: (b)**

**Passage — for questions 21–25**

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 number.

Everything we know about non-avian dinosaurs is \_\_\_\_\_ (1) fossils, which include bones, teeth, footprints, tracks, eggs, and skin impressions. For centuries, people throughout the world have \_\_\_\_\_ (2) amazing fossilized bones and footprints. Early finds inspired \_\_\_\_\_ (3) and fairy tales, and people \_\_\_\_\_ (4) that these bones belonged to \_\_\_\_\_ (5) or huge monsters.

21. Select the most appropriate option to fill in blank number 1.

- (a) taken after
- (b) held on
- (c) given in
- (d) based on

**Answer: (d)**

22. Select the most appropriate option to fill in blank number 2.

- (a) designed
- (b) invented
- (c) fabricated
- (d) discovered

**Answer: (d)**

23. Select the most appropriate option to fill in blank number 3.

- (a) fame
- (b) celebrities
- (c) legends
- (d) honour

**Answer: (c)**

24. Select the most appropriate option to fill in blank number 4.

- (a) aimed
- (b) opposed
- (c) arranged
- (d) imagined

**Answer: (d)**

25. Select the most appropriate option to fill in blank number 5.

- (a) spirits
- (b) devils
- (c) ghosts
- (d) giants

**Answer: (d)**



## Answer key

Answer key as marked in the Staff Selection Commission's response sheet. "—" means the sheet did not show it clearly.

### General Intelligence and Reasoning

|    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| 1  | (c) | 2  | (a) | 4  | (a) | 5  | (a) | 6  | (b) | 7  | (c) | 8  | (d) | 9  | (a) |
| 10 | (c) | 11 | (a) | 12 | (c) | 13 | (a) | 14 | (b) | 15 | (b) | 16 | (b) | 17 | (a) |
| 19 | (c) | 20 | (b) | 21 | (d) | 22 | (a) | 23 | (a) | 24 | (c) | 25 | (a) |    |     |

### General Awareness

|    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| 1  | (a) | 2  | (a) | 3  | (d) | 4  | (c) | 6  | (a) | 7  | (d) | 9  | (d) | 10 | (b) |
| 11 | (d) | 12 | (d) | 13 | (c) | 14 | (c) | 15 | (a) | 16 | (c) | 18 | (b) | 19 | (b) |
| 20 | (c) | 21 | (a) | 24 | (c) | 25 | (c) |    |     |    |     |    |     |    |     |

### Quantitative Aptitude

|    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| 1  | (d) | 2  | (d) | 3  | (d) | 4  | (a) | 5  | (c) | 6  | (a) | 7  | (d) | 8  | (d) |
| 9  | (a) | 10 | (c) | 11 | (b) | 12 | (c) | 13 | (a) | 14 | (c) | 15 | (d) | 16 | (d) |
| 17 | (c) | 18 | (b) | 19 | (a) | 20 | (d) | 21 | (b) | 22 | (a) | 23 | (a) | 24 | (a) |
| 25 | (c) |    |     |    |     |    |     |    |     |    |     |    |     |    |     |

### English Comprehension

|    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |
|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|
| 1  | (c) | 2  | (d) | 3  | (d) | 4  | (a) | 5  | (b) | 6  | (c) | 7  | (b) | 8  | (d) |
| 10 | (d) | 11 | (d) | 13 | (c) | 14 | (c) | 15 | (d) | 16 | (c) | 17 | (c) | 18 | (b) |
| 19 | (c) | 20 | (b) | 21 | (d) | 22 | (c) | 23 | (c) | 24 | (d) | 25 | (d) |    |     |