

PREVIOUS YEAR PAPER

SSC CGL 2023 Tier I — 25 July 2023, Shift 3

SSC CGL · 25 July 2023 · 2:30 PM - 3:30 PM

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

2 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 25 July 2023, 2:30 PM - 3:30 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-2023-tier-1-25-jul-shift-3/

General Intelligence and Reasoning

1. In a certain code language, 'MOBILE' is coded as BJFZLK and 'TABLET' is coded as QCIZXR. How will 'KINDLE' be coded in the same language?

- (a) BJALFI
- (b) BJBKFI
- (c) CIBKGC
- (d) CJB LGI

Answer: (a)

2. Which letter-cluster will replace the question mark (?) to complete the given series? BAWP, ?, DWCH, EUFD, FSIZ

- (a) CYZL
- (b) CZYL
- (c) CLZY
- (d) CYZH

Answer: (a)

3. Which two signs and two numbers should be interchanged to make the following equation correct? $840 \div 38 - 7 + 10 \times 12 = 462$

- (a) 12 and 10, $\div$ and +
- (b) 12 and 38, $\times$ and -
- (c) 12 and 7, + and $\times$
- (d) 840 and 10, + and -

Answer: (b)

4. Which option represents the correct order of the given words as they would appear in an English dictionary? 1 Typographical 2 Typologically 3 Typifications 4 Typicalness 5 Tyrannosaurus

- (a) 4, 3, 1, 2, 5
- (b) 5, 2, 1, 3, 4
- (c) 2, 3, 5, 1, 4
- (d) 2, 3, 5, 4, 1

Answer: (a)

5. Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series. N M L _ J N _ L J J _ M L J _ N M _ J J

- (a) J M N J L
- (b) J N L M J
- (c) M N L J M
- (d) M N J L N

Answer: (a)

6. Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation. $9 * 16 * 64 * 8 * 2 * 9$

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

Answer: (c)

7. A family got split and the children of R were left with R's maternal grandfather's only granddaughter's father. How is the person with whom the children are left with related to R?

- (a) R's son
- (b) R's paternal grandfather
- (c) R's maternal grandfather
- (d) R's father

Answer: (d)

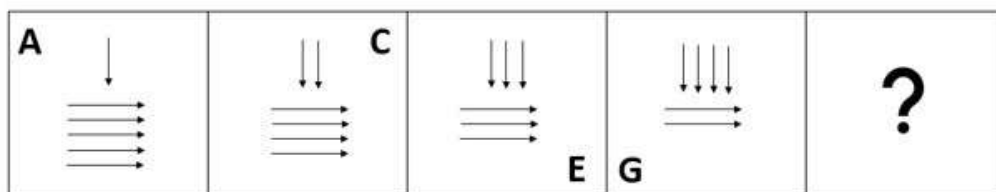
8. In a certain code language, 'BENT' is coded as '18' and 'DEBT' is coded as '8316'. What is the code for 'N' in the given code language?

- (a) 1
- (b) 9
- (c) 3
- (d) 8

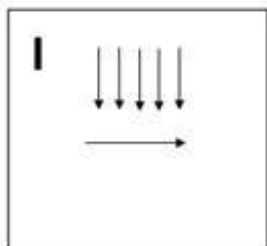
Answer: (b)

9.

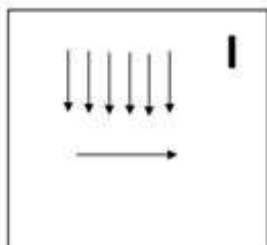
Select the figure that will come in place of the question mark (?) in the following figure series.



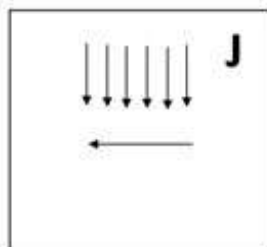
(a)



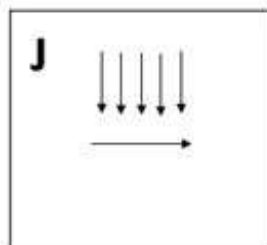
(b)



(c)



(d)

**Answer: (a)**

10. 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 number 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.) (25, 150, 3) (18, 180, 5)

- (a) (13, 39, 3)
- (b) (101, 408, 2)
- (c) (52, 728, 7)
- (d) (61, 601, 5)

Answer: (c)

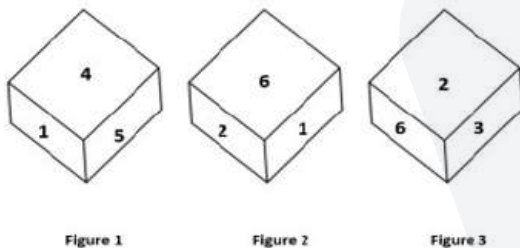
11. If 31 January 2009 was a Saturday, then what was the day of the week on 30 January 2013?

- (a) Tuesday
- (b) Wednesday
- (c) Monday
- (d) Friday

Answer: (b)

12.

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '1'.

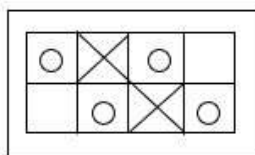


- (a) 5
- (b) 6
- (c) 2
- (d) 3

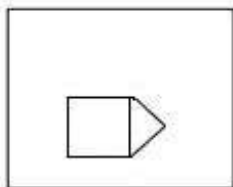
Answer: (d)

13.

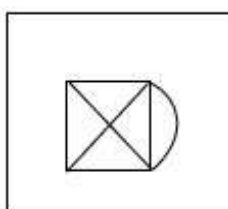
Select the option figure which is embedded in the given figure (rotation is NOT allowed).



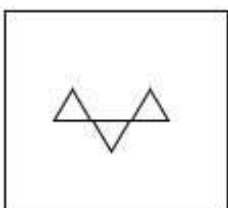
(a)



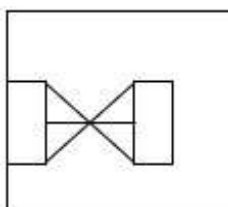
(b)



(c)



(d)

**Answer: (a)**

14. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. $7 : 35 :: 21 : 399 :: 4 : ?$

(a) 24

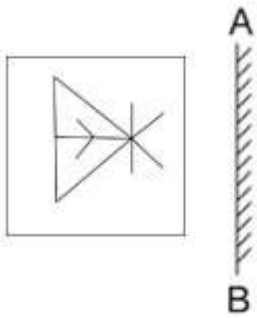
(b) 20

(c) 8

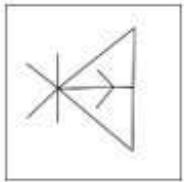
(d) 12

Answer: (c)

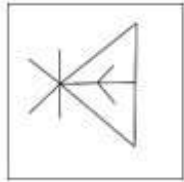
15. Select the correct mirror image of the given figure when the mirror is placed at AB.



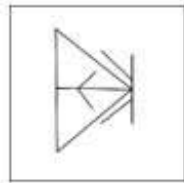
(a)



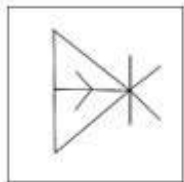
(b)



(c)



(d)



Answer: (b)

16. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. $7 : 47 :: 11 : 119 :: 3 : ?$

(a) 14

(b) 15

(c) 11

(d) 7

Answer: (d)

17. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word.)

Plant : Pot :: Fish : ?

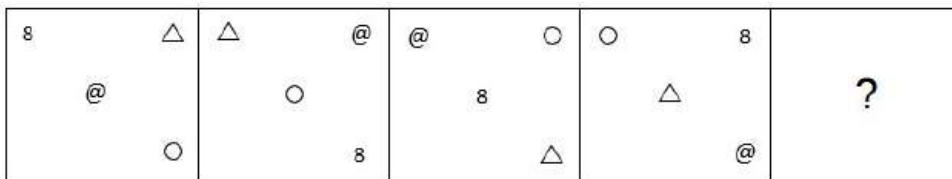
- (a) Mud
- (b) Sand
- (c) Stone
- (d) Aquarium

Answer: (d)



18.

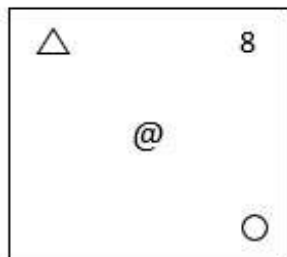
Select the figure from among the given options that can replace the question mark (?) in the following series.



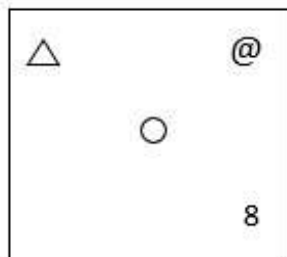
(a)



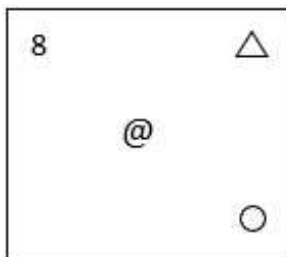
(b)



(c)



(d)

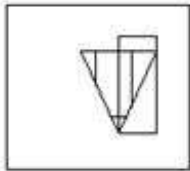
**Answer: (d)**

19.

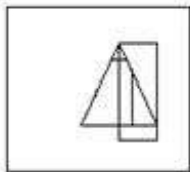
Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.



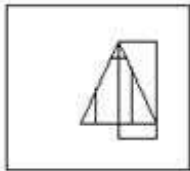
(a)



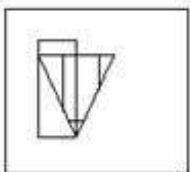
(b)



(c)



(d)

**Answer: (c)**

20. Which of the following numbers will replace the question mark (?) in the given series? 57, 69, 88, 112, 150, 186, 243, ?

(a) 286

(b) 289

(c) 291

(d) 300

Answer: (c)

21. In a certain code language, 'RELAX' is written as 'CPPZC' and 'STAKE' is written as 'RQEGM'. How will 'WINDS' be written in that language?

(a) GURUF

(b) HUSVG

(c) HURVG

(d) GVSUF

Answer: (a)

22. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. $750 : 5 :: 384 : 4 :: 3072 : ?$

- (a) 8
- (b) 9
- (c) 6
- (d) 7

Answer: (a)

23. The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

- (a) (21, 238)
- (b) (17, 194)
- (c) (13, 150)
- (d) (23, 270)

Answer: (d)

24. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Cow : Milk :: Sheep : ?

- (a) Wool
- (b) Baby
- (c) Silk
- (d) Clothes

Answer: (a)

25. In a family of four persons there is only one child. B is A's wife and D's daughter. If C is A's daughter, how is C related to D?

- (a) Son's son
- (b) Daughter's daughter
- (c) Daughter
- (d) Son

Answer: (b)

General Awareness

1. Non-Tax revenue is part of _____.

- (a) Revenue Expenditure
- (b) Revenue Receipts
- (c) Capital Expenditure
- (d) Capital Receipts

Answer: (b)

2. In which Biosphere Reserve is the largest endangered marine mammal Dugong i.e., Dugong dugon and sea turtles also found?

- (a) Khangchendzonga Biosphere Reserve
- (b) Seshachalam Biosphere Reserve
- (c) Pachmarhi Biosphere Reserve
- (d) Gulf of Mannar Biosphere Reserve

Answer: (d)

3. Which year census is the 15th National census survey conducted by the Census Organisation of India?

- (a) 1991
- (b) 2001
- (c) 1981
- (d) 2011

Answer: (d)

4. Which of the following is the only rack railway in India that was declared a UNESCO World Heritage Site in 2005?

- (a) Nilgiri Mountain Railway
- (b) Kangra Valley Railway
- (c) Matheran Hill Railway
- (d) Kalka–Shimla Railway

Answer: (a)

5. In which of the following sports, apart from volleyball, do players make use of the Screen technique?

- (a) Basketball
- (b) Cricket
- (c) Baseball
- (d) Handball

Answer: (a)

6. Which player led India at the women's Hockey Asia Cup in Muscat, which was held in January 2022?

- (a) Navneet Kaur
- (b) Rani Rampal
- (c) Susmita Patil
- (d) Savita Punia

Answer: (d)



7. In how many agro-climatic zones has Tamil Nadu been classified?

- (a) 3
- (b) 9
- (c) 7
- (d) 5

Answer: (c)

8. The President of India _____ inaugurated Sangeet Natak Academi on 28 January 1953.

- (a) Sarvpalli Radhakrishna
- (b) Mohammad Hidayatullah
- (c) Rajendra Prasad
- (d) Jakir Husain

Answer: (c)

9. In which year did Walther Flemming coined the term 'chromatin' for the stained substance found in the cell nucleus?

- (a) 1900
- (b) 1840
- (c) 1849
- (d) 1879

Answer: (d)

10. In which of the following Indian states, is Makar Sankranti celebrated by the name of 'Magha Saaji'?

- (a) Punjab
- (b) Himachal Pradesh
- (c) Uttarakhand
- (d) Jharkhand

Answer: (b)

11. Who among the following was the flag bearer of the Indian contingent at the opening ceremony of the Asian Games 2018?

- (a) Neeraj Chopra
- (b) Saina Nehwal
- (c) Bajrang Punia
- (d) PT Usha

Answer: (a)

12. Which is the largest Dun formations in India?

- (a) Harike Dun
- (b) Nalagarh Dun
- (c) Kota Dun
- (d) Dehra Dun

Answer: (d)

14. The first phase of the Green Revolution was restricted largely to two crops and the regions where they are grown. Which of the following pairs best represents these two crops?

- (a) Rice, corn
- (b) Wheat, rice
- (c) Cotton, indigo
- (d) Millet, wheat

Answer: (b)

15. As per physicists and their major contributions/discoveries, Which of the following pair is INCORRECT?

- (a) John Bardeen – Theory of superconductivity
- (b) Louis Victor de Broglie – Wavenature of matter
- (c) Victor Francis Hess – Cosmic radiation
- (d) Paul Dirac – Liquid helium

Answer: (d)

16. In December 2022, who among the following was elected as the first woman President of Indian Olympic Association?

- (a) PT Usha
- (b) Rajlaxmi Singh Deo
- (c) Karnam Malleswari
- (d) Dola Banarjee

Answer: (a)

17. What was the period of Harshavardhana's reign?

- (a) 647 CE to 700 CE
- (b) 570 CE to 610 CE
- (c) 606 CE to 647 CE
- (d) 545 CE to 570 CE

Answer: (c)

18. Padma Bhushan awardee, Guru Vempati Chinna Satyam, was a renowned guru for which of the following classical dance forms?

- (a) Kathakali
- (b) Kathak
- (c) Odissi
- (d) Kuchipudi

Answer: (d)

19. Famous dance personality Kelucharan Mohapatra is associated with which of these dance forms?

- (a) Kathak
- (b) Bharatanatyam
- (c) Kathakali
- (d) Odissi

Answer: (d)

20. While historians use the term Vijayanagara Empire and contemporaries of this empire described it as the_____.

- (a) Gajapati Samarajya
- (b) Karnataka Samrajyamu
- (c) Andhra Samarajyu
- (d) Sthalapati Samrajya

Answer: (b)

21. Which Article of the Indian Constitution empowers the Supreme Court to review its own judgements or orders?

- (a) Article 138
- (b) Article 135
- (c) Article 136
- (d) Article 137

Answer: (d)

22. For the political education of the people at the local level, who brought the resolution on local self-government?

- (a) Lord Ripon
- (b) Lord Mayo
- (c) Lord Canning
- (d) Lord Lytton

Answer: (a)

23. When was the International Day for Elder Persons 2021 celebrated?

- (a) 1 October
- (b) 3 October
- (c) 4 October
- (d) 2 October

Answer: (a)

24. Which of the following elements has variable valency?

- (a) Iron
- (b) Sodium
- (c) Sulphur
- (d) Magnesium

Answer: (a)

25. The Hindu Mahasabha was founded as a response to muslim fundamentalism in which year?

- (a) 1917
- (b) 1915
- (c) 1925
- (d) 1910

Answer: (b)

Quantitative Aptitude

1. The cube of the sum of two given numbers is 1728, while the product of the two given numbers is

32. Find the positive difference between the cubes of the two given numbers.

- (a) 448
- (b) 576
- (c) 480
- (d) 512

Answer: (a)

2. Simplify the following expression.

$$\frac{x^2 - 2x - 63}{x^2 + 14x + 49}$$

(a)

$$\frac{x + 9}{x + 7}$$

(b)

$$\frac{x - 7}{x + 7}$$

(c)

$$\frac{x + 7}{x - 7}$$

(d)

$$\frac{x - 9}{x + 7}$$

Answer: (d)



3.

The value of $\sqrt{\frac{1+\cos \theta}{1-\cos \theta}}$ is:

(a)

$$\sec \theta + \tan \theta$$

(b)

$$\operatorname{cosec} \theta - \cot \theta$$

(c)

$$\operatorname{cosec} \theta + \cot \theta$$

(d)

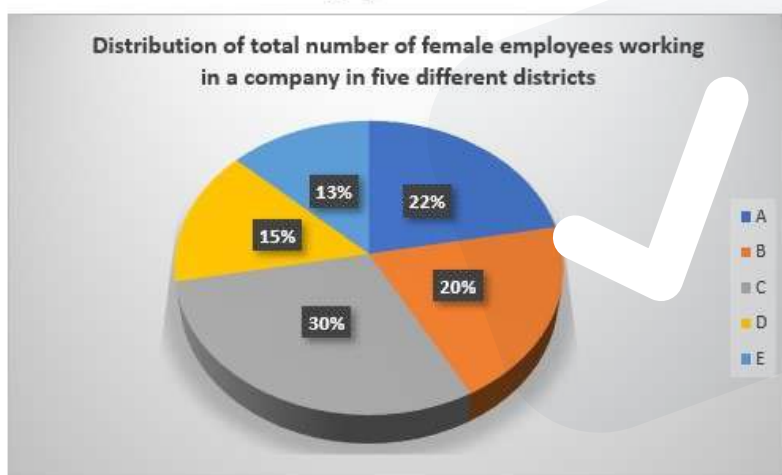
$$\sec \theta - \tan \theta$$

Answer: (c)

4.

The pie chart below shows the distribution of female employees working in a company in five different districts (A, B, C, D and E).

Total number of female employees in five districts = 136000



What is the total number of female employees working in a company in district C and district D?

(a) 61200

(b) 62000

(c) 62290

(d) 61000

Answer: (a)

5. The difference between a discount of 40% and two successive discounts of 30% on a certain bill was ₹220. Find the amount of the bill (in ₹).

- (a) 2200
- (b) 1100
- (c) 1000
- (d) 2000

Answer: (d)

6.

If $(y + \frac{1}{y}) = 4$, find the value of $(y^6 + \frac{1}{y^6})$.

- (a) 2702
- (b) 2704
- (c) 4096
- (d) 2706

Answer: (a)

7. A is 50% more efficient than B. B worked to finish the same work in 20 days. If A and B worked together, then how much time will they take to finish the same work?

- (a) 10 days
- (b) 7 days
- (c) 8 days
- (d) 9 days

Answer: (c)

8. What is the area of the sector of a circle of radius 8 cm and formed by an arc of length 12 cm?

- (a) 45 cm²
- (b) 47 cm²
- (c) 48 cm²
- (d) 84 cm²

Answer: (c)

9. The cost price of an article is decreased by 10% and then increased by 20%. If the final price is ₹ 540, then the original cost price is:

- (a) ₹500
- (b) ₹650
- (c) ₹550
- (d) ₹600

Answer: (a)

10. The curved surface area of a solid circular cylinder of height 12 cm is 2640 cm^2 . What is the volume (in cm^3) of the cylinder? (Take $\pi=22/7$)

- (a) 46200
- (b) 37900
- (c) 42000
- (d) 55200

Answer: (a)

11. $100 \div 10 - [-2 + \{-9 + (3 - 6 \text{ of } 2)\}] = \underline{\hspace{2cm}}$.

- (a) -6
- (b) 20
- (c) 30
- (d) 0

Answer: (c)

12. The fourth proportional to 8, 32 and 13 is:

- (a) 39
- (b) 40
- (c) 26
- (d) 52

Answer: (d)

13. The rate of simple interest for which ₹9,000 will amount to ₹10,200 in 4 years is:

- (a) $4\frac{2}{3}\%$
- (b) $7\frac{1}{3}\%$
- (c) $5\frac{1}{2}\%$
- (d) $3\frac{1}{3}\%$

Answer: (d)

14. What is the remainder when $(x^{17} + 1)$ is divided by $(x + 1)$?

- (a) x
- (b) $x - 1$
- (c) 0
- (d) 1

Answer: (c)

15. A boat running upstream takes 10 hours to cover a certain distance, while it takes 7 hours to cover the same distance running downstream. What is the ratio between the speed of the boat and that of the water current, respectively?

- (a)
 $17 : 5$
- (b)
 $3 : 17$
- (c)
 $2 : 17$
- (d)
 $17 : 3$

Answer: (d)

16. Rice worth ₹35 per kilogram and ₹38 per kilogram is mixed with a third variety in the ratio 2 : 1 : 2. If the mixture is worth ₹42 per kilogram, the price of the third variety per kilogram is:

- (a) ₹52
- (b) ₹53
- (c) ₹54
- (d) ₹51

Answer: (d)

17. Two circles touch each other externally. The radius of the first circle with centre O is 6 cm. The radius of the second circle with centre P is 3 cm. Find the length of their common tangent AB.

- (a)
 $3\sqrt{2}$ cm
- (b)
 $4\sqrt{2}$ cm
- (c)
 $6\sqrt{3}$ cm
- (d)
 $6\sqrt{2}$ cm

Answer: (d)

18.

What is the value of $5\sqrt{3}\cos 60^\circ \tan 30^\circ - 3\cos 0^\circ + 3\cos^2 45^\circ + 2\sin^2 60^\circ$?

(a)

$2\sqrt{3}$

(b)

2.5

(c)

3.5

(d)

$3\sqrt{2}$

Answer: (b)

19. The effective speed of a boat is 15.2 km/h against the stream and 20.8 km/h along the stream. Find the speed of the stream.

(a) 18 km/h

(b) 1.8 km/h

(c) 2.8 km/h

(d) 3 km/h

Answer: (c)

20. 2 men can finish a work in 6 days and 3 women can finish the same work in 4 days. In how many days will the work be finished by 1 man and 2 women, working together every day?

(a) 4

(b) 6

(c) 8

(d) 9

Answer: (a)

21. In the first month, the income of Mohan increases by 30%. In the second month his income decreases by 30%. What will be percentage increase or decrease in the income after two months?

(a)

 15% increase

(b)

 9% increase

(c)

 15% decrease

(d)

 9% decrease**Answer: (d)**

22.

If $\cos^2 \theta = \frac{3}{4}$, where θ is an acute angle, then the value of $\sin (\theta + 30^\circ)$ is:

(a)

$\frac{1}{2}$

(b)

$\frac{1}{\sqrt{2}}$

(c)

$\frac{1}{2}$

(d)

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

Answer: (d)

23.

A can complete a piece of work in 14 days, while A and B together can complete it in $3\frac{1}{2}$ days. How long will B alone take to complete it?

(a)

4 days

(b)

5 days

(c)

 $\frac{3}{14}$ days

(d)

 $\frac{14}{3}$ days**Answer: (d)**

24.

If $r = 15(\sin \theta + \cos \theta)$ and $s = 16(\sin \theta - \cos \theta)$, then the value of

$$\frac{r^2}{15^2} + \frac{s^2}{16^2} \text{ is } \underline{\hspace{2cm}}.$$

(a) 8

(b) 6

(c) 4

(d) 2

Answer: (d)

25. The following table shows the percentage of population of four states below poverty line and the proportion of males and females below and above poverty line.

State	Percentage of Population Below Poverty Line	Proportion of Males and Females	
		Below Poverty Line	Above Poverty Line
		Males : Females	Males : Females
A	10%	2 : 3	4 : 5
B	25%	3 : 5	3 : 2
C	28%	1 : 4	5 : 3
D	38%	7 : 1	7 : 4

If the total population of State B is 7,200, then what is the number of females below poverty line in that state?

- (a) 1,025
- (b) 1,125
- (c) 1,075
- (d) 1,250

Answer: (b)

English Comprehension

1. Select the option that expresses the given sentence in passive voice. Does she prepare the lesson?

- (a) Do she prepare the lesson?
- (b) Is the lesson prepared by her?
- (c) Is she preparing the lesson?
- (d) Is the lesson being prepared by her?

Answer: (b)

2. Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

A. And also, they contribute to the development of social and environmental solutions for the planet's future.

B. Companies do play an important role in modern society.

C. Because of their systematic relevance and their impact on policy-making, companies must use their influence in ways that benefit the public good.

D. Some corporations have become so large that their activities and strategic decisions have a direct impact on government policy and citizens' lives.

- (a) DCAB
- (b) DBCA
- (c) ADCB
- (d) BDCA

Answer: (d)

4. Select the option that is OPPOSITE in meaning to the given word. Jubilant

- (a) Indifferent
- (b) Thoughtful
- (c) Gay
- (d) Melancholic

Answer: (d)

5. Select the option that can be used as a one-word substitute for the given group of words.

Changing secret and coded messages in a readable form

- (a) Decoupling
- (b) Encoding
- (c) Decoding
- (d) Encrypting

Answer: (c)

6. Identify and correct the INCORRECTLY spelt word in the given sentence. Successful people often have a role model who inspired them to greatness.

- (a) gratenes
- (b) succesful
- (c) inspaired
- (d) model

Answer: (d)

7. Choose the option that rectifies the incorrectly spelt underlined word.

Mr. Singh is a phenomenally sucsesful salesperson.

- (a) sucessful
- (b) successful
- (c) successfull
- (d) sucesfull

Answer: (b)

8. Select the most appropriate ANTONYM of the given word. Grow

- (a) Shrink
- (b) Crimp
- (c) Plant
- (d) Alter

Answer: (a)

9. Select the option that can be used as a one-word substitute for the given group of words.
Enjoying or affording warm secure shelter or cover and opportunity for ease and contentment

- (a) Undisturbed
- (b) Easeful
- (c) Untroubled
- (d) Snug

Answer: (d)

10. Select the option that can be used as a one-word substitute for the given group of words. Kind, generous, and forgiving.

- (a) Magnificent
- (b) Grandiloquent
- (c) Portentous
- (d) Magnanimous

Answer: (d)

11. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. You wash / the dishes / and / I dry the same.

- (a) and
- (b) You wash
- (c) I dry the same
- (d) the dishes

Answer: (c)

12. Select the grammatically correct sentence. A. A nation, India is a united country and shall always remain so. B. As nation, India is a united country and shall always remain so. C. As the nation, India is a united country and shall always remain so. D. As a nation, India is an united country and shall always remain so.

- (a) A
- (b) B
- (c) D
- (d) C

Answer: (a)

13. Select the most appropriate option to fill in the blank. I take my _____ off to our freedom fighters for their service to our country.

- (a) boots
- (b) hat
- (c) gun
- (d) socks

Answer: (b)

14. Select the most appropriate option to fill in the blank. _____ droplets settled on top of leaves.

- (a) Due
- (b) Doe
- (c) Do
- (d) Dew

Answer: (d)

15. Select the most appropriate ANTONYM of the underlined word to fill in the blank. Instead of becoming joyous to hear the breaking news, she became _____ .

- (a) melancholic
- (b) vengeful
- (c) ecstatic
- (d) exuberant

Answer: (a)

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

The young boy displayed an aptitude on scientific research.

- (a) aptitude for
- (b) aptitude at
- (c) aptitude by
- (d) aptitude in

Answer: (a)

17. Select the option that expresses the given sentence in passive voice. The magazine house was expecting unpublished authors for their forthcoming exclusive issue on new trends.

- (a) Unpublished authors will be expected by the magazine house for their forthcoming exclusive issue on new trends.
- (b) Unpublished authors were being expected by the magazine house for their forthcoming exclusive issue on new trends.
- (c) Unpublished authors was expected by the magazine house for their forthcoming exclusive issue on new trends.
- (d) Unpublished authors were expected by the magazine house for their forthcoming exclusive issue on new trends.

Answer: (b)

18. Select the correct option to substitute the underlined segment in the given sentence. He had given me that book in 1999.

- (a) did given me
- (b) was given me
- (c) gives me
- (d) gave me

Answer: (d)

19. Select the most appropriate synonym of the given word. Predicament

- (a) Ease
- (b) Quandary
- (c) Blessing
- (d) Solution

Answer: (b)

20. Select the most appropriate ANTONYM of the underlined word.

His knowledge is superficial in nature.

- (a) Deviant
- (b) Profound
- (c) Artificial
- (d) Opposing

Answer: (b)

Passage — for questions 21–25

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The modern world (1) _____ around technology. It has advanced dramatically in the beyond twenty years and presently, we can't envision a world without PCs and cell phones. The last century saw fast progressions in innovation and science which were unfathomable previously. The internet is perhaps the most significant of these. Today, it is no longer a science fiction concept to communicate with people anywhere in the world. While smart phones keep us constantly connected to the virtual world, wireless internet has eliminated the need to use a physical wire to connect with this world. Today, we rely on the internet to pay our bills, book tickets and conduct banking transactions. Li-Fi, a new technology that uses light signals to (2) _____ and reduces external interference, is currently in development. On the other hand, such rapid progress comes with some (3) _____. Another sort of wrongdoing, known as digital wrongdoing, is the greatest danger to security today. WannaCry was one of the biggest recent cyberattacks. It infected more than 230,000 computers in over 150 countries and threatened to erase valuable data unless ransom payments were made. Personal and (4) _____ data continue to be stolen frequently, and our country's cyber security is still lacking. It's also possible to say that people miss out on important experiences in the real world because they spend so much time in the virtual world. The distinction between the real and online worlds sometimes appears to blur, especially as social media grows in popularity. For instance, the internet was said to have become so addictive in China that programs were established to help people get off of it. However, technology's benefits (5) _____ its drawbacks. It all comes down to what we do with it. One thing to keep in mind is that technology can serve us well but not completely.

21. Select the most appropriate option to fill in blank no. 1.

- (a) rotates
- (b) revolves
- (c) squares
- (d) circles

Answer: (b)

22. Select the most appropriate option to fill in blank no. 2.

- (a) lay
- (b) disturb
- (c) transmit
- (d) communicate

Answer: (c)

23. Select the most appropriate option to fill in blank no. 3.

- (a) drawbacks
- (b) snag
- (c) hitch
- (d) liabilities

Answer: (a)

24. Select the most appropriate option to fill in blank no. 4.

- (a) secret
- (b) confidential
- (c) regular
- (d) common

Answer: (b)

25. Select the most appropriate option to fill in blank no. 5.

- (a) balances
- (b) shadows
- (c) outweigh
- (d) insides

Answer: (c)



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

General Awareness

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

Quantitative Aptitude

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

English Comprehension

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