



# SSC CGL Previous Years' Paper Tier -1, 1st December Shift 1 (English)

**Combined Graduate Level Examination Tier I 2022\_1<sup>st</sup> December  
English Shift 1****Section : General Intelligence and Reasoning**

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

- A.
- B.
- C.
- D.

Ans. A

2. Select the correct combination of mathematical signs to replace the \* signs and balance the given equation.

$$21 * 4 * 156 * 13 * 11 = 83$$

- A.  $\times, +, \div, -$
- B.  $+, \div, -, \times$
- C.  $-, \div, \times, +$
- D.  $\times, -, \div, +$

Ans. D

3. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

NMRQ, NDZG, NUHW, NLPM, ?

- A. NCXC
- B. NQRC
- C. NHMH
- D. MQRQ

Ans. A

4. After interchanging the given two numbers and two signs what will be the values of equation (I) and (II) respectively?

$\times$  and  $+$ , 3 and 9

I.  $7 \times 9 - 8 \div 2 + 3$

II.  $4 \times 9 - 3 + 8 \div 2$

- A. 12, 13
- B. 6, 0
- C. 0, 1
- D. -26, -29

Ans. D



5. Select the cube that can be formed by folding the given sheet along the lines.

- A. Only A
- B. Only C and D
- C. Only A and B
- D. None are possible

Ans. A

6. 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)

Phone : Talk :: Television : ?

- A. Read
- B. Channel
- C. Remote
- D. View

Ans. D

7. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.

- A.
- B.
- C.
- D.

Ans. D

8. Which of the following letter-clusters will replace the question mark (?) in the given series?

PK, GT, XC, OL, ?

- A. GT
- B. FU
- C. EV
- D. HS

Ans. B

9. Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

$12 * 24 * 4 * 2 * 60$

- A. +, ×, −, =
- C. −, ×, +, =

- B. +, ÷, ×, =
- D. +, ×, ÷, =

Ans. D



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

**Statements:**

All cards are boxes.  
All boxes are torches.  
All torches are shoes.

**Conclusions:**

- I. All shoes are torches.
  - II. All torches are boxes.
  - III. All boxes are cards.
  - IV. All cards are shoes.
- A. Only conclusion IV follows  
B. Only conclusions II and III follow  
C. Only conclusions I and II follow  
D. Only conclusion III follows

Ans. A

11. In a certain code language, 'BEHOLD' is written as 'BDEHLO' and 'INDEED' is written as 'DDEEIN'. How will 'COURSE' be written in that language?

- A. CEROSU
- B. CEOSUR
- C. CEORSU
- D. CEORUS

Ans. C

12. Which of the following numbers will replace the question mark (?) in the given series?

382, 322, 272, 232, 202, ?

- A. 182
- B. 132
- C. 168
- D. 150

Ans. A

13. A # B means 'A is the sister 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 father of B'

If A % B & C # D @ E, then how is B related to E?

- A. Son-in-law
- B. Father
- C. Son
- D. Brother

Ans. A



14. After arranging the given words according to dictionary order, which word will come at 'Fifth' position?

1. Popular
  2. Population
  3. Populace
  4. Pope
  5. Poppy
- A. Popular
  - B. Populace
  - C. Poppy
  - D. Population

Ans. D

15. Three of the following four letter-clusters are alike in a certain way and one is different.

Pick the odd one out.

- A. UVW
- B. RQP
- C. LKJ
- D. HGF

Ans. A

16. Which figure should replace the question mark (?) if the series were to be continued?

- A.
- B.
- C.
- D.

Ans. C

17. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.)

(3, 14, 1)

(4, 36, 2)

- A. (8, 12, 2)
- B. (7, 40, 3)
- C. (5, 81, 4)
- D. (8, 260, 2)

Ans. D



18. 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. (6 – 216 – 206)
- B. (5 – 125 – 115)
- C. (4 – 64 – 54)
- D. (7 – 343 – 331)

Ans. D

19. 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.

19 : 324 :: 25 : 576 :: 9 : ?

- A. 88
- B. 72
- C. 64
- D. 16

Ans. C

20. If  $A \times B$  means that A is the brother of B,  $A - B$  means that A is the sister of B,  $A + B$  means that A is the father of B then which of the following expression shows that P is the paternal aunt of R?

- A.  $P \times Q + R$
- B.  $P + Q - R$
- C.  $P - Q \times R$
- D.  $P - Q + R$

Ans. D

21. 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 W are S.

II. No D is W.

**Conclusion:**

I. Some S are W.

II. All S are D.

III. No W is D.

- A. Both conclusions I and III follows
- B. Only conclusion III follows
- C. Both conclusions I and II follows
- D. All conclusion follows

Ans. A



22. 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.)

Library : Books :: Museum : ?

- A. Gallery
- B. People
- C. Building
- D. Artefacts

Ans. B

23. In a certain code language, FRUCTUS is coded as 108, and SPRINTER is coded as 119.

How will MASCULINE be coded in that language?

- A. 98
- B. 99
- C. 96
- D. 97

Ans. D

24. 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)

(20, 6, 4)

(24, 7, 5)

- A. (42, 7, 3)
- B. (22, 5, 2)
- C. (65, 9, 4)
- D. (40, 8, 5)

Ans. C

25. Select the figure that will replace the question mark (?) in the following figure series.

- A.
- B.
- C.
- D.

Ans. C



## Section : General Awareness

1. Which of the following Dynasties established the kingdom of Vijayanagara?

- A. Sangama Dynasty
- B. Tuluva Dynasty
- C. Soma Dynasty
- D. Nagama Dynasty

Ans. A

2. Who has been appointed as the new chairman of the Central Board of Direct Taxes in June 2022?

- A. Nidhi Chibber
- B. Ashish Jha
- C. M Jagadesh Kumar
- D. Nitin Gupta

Ans. D

3. Wearing away of landscape by different agents like water, wind and ice is called \_\_\_\_\_.

- A. Metamorphosis
- B. Weathering
- C. Sedimentation
- D. Erosion

Ans. D

4. A 'Camel Protection and Development Policy' has been announced by the government of \_\_\_\_\_.

- A. Rajasthan
- B. Gujarat
- C. Punjab
- D. Ladakh

Ans. A

5. Which of the following festivals in Punjab is celebrated to commemorate the formation of the Khalsa Panth?

- A. Lohri
- B. Teej
- C. Baisakhi
- D. Hola Mohalla

Ans. C

6. The term 'Back-stick' is used in which of the following games/sports?

- A. Badminton
- B. Basketball
- C. Hockey
- D. Volleyball

Ans. C





7. Burning of coal is an example of \_\_\_\_\_.
- A. double displacement reaction
  - B. displacement reaction
  - C. combination reaction
  - D. decomposition reaction

Ans. C

8. What is the unit of work done?
- A. Joule
  - B. Watt
  - C. Decibel
  - D. Ampere

Ans. A

9. When was 'Vayudoot' airline setup in India?
- A. 1969
  - B. 1991
  - C. 1971
  - D. 1981

Ans. D

10. Raja Ram Mohan Roy founded a reform association known as Brahma Sabha which was later known as \_\_\_\_\_.

- A. Arya Samaj
- B. Dev Samaj
- C. Brahma School
- D. Brahma Samaj

Ans. D

11. \_\_\_\_\_ part of xylem tissue in plants stores food.

- A. Vessels
- B. Xylem fibres
- C. Tracheids
- D. Xylem parenchyma

Ans. D

12. The foremost right among rights to freedom is \_\_\_\_\_.

- A. Right to life and personal liberty
- B. Preventive detention
- C. Right to freedom of speech and expression
- D. Freedom to assemble

Ans. A



13. Who among the following composers won the Grammy in 2015 for his album 'Winds of Samsara' – a collaboration with South African flautist Wouter Kellerman?

- A. Ricky Kej
- B. Raghu Dixit
- C. Subhashish Ghosh
- D. Mano Murthy

Ans. A

14. What theme was decided to celebrate the second 'International Day of Yoga' in India?

- A. Yoga for Peace
- B. Yoga for the achievement of the Sustainable Development Goals
- C. Yoga for Heart
- D. Yoga for Wellness

Ans. B

15. Chemical formula of quick lime is \_\_\_\_\_.

- A.  $\text{Ca}(\text{OH})_2$
- B.  $\text{CaCO}_3$
- C.  $\text{CO}_2$
- D.  $\text{CaO}$

Ans. D

16. Which of the following sites do "Not" have nuclear power plant?

- A. Vijayawada
- B. Rawat Bhata
- C. Naraura
- D. Tarapur

Ans. A

17. Who among the following is known as 'Sarod Samrat' in Indian Classical Music?

- A. Aamir Ali Khan
- B. Amjad Ali Khan
- C. Kishan Maharaj
- D. Pandit Ravishankar Prasad

Ans. B

18. In which of the following Indian states, Harappan cities have NOT been found?

- A. Uttarakhand
- B. Haryana
- C. Rajasthan
- D. Gujarat

Ans. A



19. Who among the following Presidents of India was also the deputy chairman of Planning Commission?

- A. Ramaswamy Venkataraman
- B. Pranab Mukherjee
- C. V V Giri
- D. K R Narayanan

Ans. B

20. Which of the following is NOT one of the methods of national income estimation?

- A. Income method
- B. Banking method
- C. Expenditure method
- D. Product method

Ans. B

21. In Golgi apparatus, the maturing face is:

- A. bi-concave
- B. spherical
- C. concave
- D. convex

Ans. D

22. Chief Minister of which state has inaugurated a project of the Women and Child Development department to provide milk and eggs to children at all anganwadis in the state in a bid to improve their nutrition levels?

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

Ans. B

23. The term 'Parliament' refers to the \_\_\_\_\_.

- A. National legislature
- B. Rajya Sabha
- C. State legislature
- D. Lok Sabha

Ans. A

24. The Ramakrishna Mission stressed the ideal of \_\_\_\_\_ through social service and selfless action.

- A. salvation
- B. bhakti
- C. God
- D. education

Ans. A



25. International Non-Violence Day is observed on:

- A. 14 November
- B. 15 August
- C. 2 October
- D. 31 October

Ans. C



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**Section : Quantitative Aptitude**

1. In the triangle ABC,  $AB = 12$  cm and  $AC = 10$  cm, and  $\angle BAC = 60^\circ$ . What is the value of the length of the side BC ?

- A. 7.13 cm
- B. 10 cm
- C. 11.13 cm
- D. 13.20 cm

Ans. C

2. In a 1500 m race, Anil beats Bakul by 150 m and in the same race Bakul beats Charles by 75 m. By what distance does Anil beat Charles?

- A. 200.15 m
- B. 217.50 m
- C. 313.75 m
- D. 293.50 m

Ans. B

3. ₹2,500, when invested for 8 years at a given rate of simple interest per year, amounted to ₹3,725 on maturity. What was the rate of simple interest that was paid per annum?

- A. 5.875%
- B. 6.125%
- C. 6.25%
- D. 6%

Ans. B

4. Two circles touch each other externally at P. AB is a direct common tangent to the two circles, A and B are points of contact, and  $\angle PAB = 40^\circ$ . The measure of  $\angle ABP$  is:

- A.  $55^\circ$
- B.  $40^\circ$
- C.  $50^\circ$
- D.  $45^\circ$

Ans. C

5. The following bar graph shows the sales of books (in thousands) from six branches of a publishing company during two consecutive years 2018 and 2019.

What is the ratio of the total sales of the first branch for both years to the total sales of the fourth branch for both years?

- A. 5 : 9
- B. 7 : 9
- C. 4 : 3
- D. 8 : 11

Ans. B



6. If then what is the value of ?

- A. 119
- B. 129
- C. -129
- D. -119

Ans. A

7. If, then what is the value of k?

- A. 24
- B. 109
- C. 119
- D. 128

Ans. C

8. Which of the following numbers is a divisor of  $(49^{15} - 1)$ ?

- A. 8
- B. 46
- C. 50
- D. 14

Ans. A

9. The following table shows the number of pages printed by 3 printers during 3 days.

Printers	X	Y	Z
Days			
Monday	130	140	210
Tuesday	110	145	160
Wednesday	180	90	218

What is the average number of pages printed by printer during the 3 days?

- A. 194
- B. 196
- C. 190
- D. 192

Ans. B



10. The batting average for 27 innings of a cricket player is 47 runs. His highest score in an innings exceeds his lowest score by 157 runs. If these two innings are excluded, the average score of the remaining 25 innings is 42 runs. Find his highest score in an innings.

- A. 186
  - B. 188
  - C. 176
  - D. 174
- Ans. B

11. The value of  $\tan^2 \theta + \cot^2 \theta - \sec^2 \theta \operatorname{cosec}^2 \theta$  is:

- A. -2
  - B. 1/2
  - C. 0
  - D. 2
- Ans. A

12. The mean proportion of 169 and 144 is:

- A. 156
  - B. 126
  - C. 165
  - D. 147
- Ans. A

13. The HCF of two numbers is 12. Which one of the following can never be their LCM?

- A. 84
  - B. 72
  - C. 60
  - D. 90
- Ans. D

14. The table given below shows the number of spoon manufactured by five factories.

Factor y	Spoon
P	100
Q	200
R	150



S	50
T	250

What are the ratio of number of spoon manufactured by to the number of spoon manufactured by R?

- A. 2 : 3
- B. 1 : 3
- C. 14 : 1
- D. 3 : 2

Ans. A

15. The circumference of the two circles is 198 cm and 352 cm respectively. What is the difference between their radii?

- A. 24.5 cm
- B. 16.5 cm
- C. 49.5 cm
- D. 45 cm

Ans. A

16. The length and breadth of a rectangle are increased by 8% and 5%, respectively. By how much percentage will the area of the rectangle increase?

- A. 16.4%
- B. 12.4%
- C. 15.4%
- D. 13.4%

Ans. D

17. Riya could not decide between discount of 30% or two successive discounts of 25% and 5%, both given on shopping of ₹3,840. What is the difference between both the discounts?

- A. ₹46
- B. ₹44
- C. ₹42
- D. ₹48

Ans. D

18. Simplify

- A.
- B.
- C.
- D.

Ans. C





19. Radius of a circle is 10 cm. Angle made by chord AB at the centre of this circle is 60 degree. What is the length of this chord?

- A. 30 cm
- B. 40 cm
- C. 20 cm
- D. 10 cm

Ans. D

20. A dishonest merchant sells goods at a 12.5% loss on the cost price, but uses 28 g weight instead of 36 g. What is his percentage profit or loss?

- A. 6.25% loss
- B. 18.75% gain
- C. 12.5% gain
- D. 10.5% loss

Ans. C

21. In a right-angled triangle PQR, right-angled at Q, the length of the side PR is 17 units, length of the base QR is 8 units, and length of the side PQ is 15 units. If  $\angle RPQ = \alpha$ , then  $\sin \alpha + \cos \alpha$  is:

- A.
- B.
- C.
- D.

Ans. B

22. The pie chart given below shows the number of truck sold by 8 different companies. The total number of truck sold by all these 8 companies are 4000. Number of truck sold by a particular company is shown as a percent of total number of truck sold by all these 8 companies.

The number of trucks sold by B, C, F and H is how much percent less than the number of trucks sold by all these 8 companies?

- A. 14 percent
- B. 34 percent
- C. 46 percent
- D. 22 percent

Ans. B

23. How many spherical lead shots each of diameter can be obtained from a rectangular solid of lead with dimension 88cm, 63cm, 42cm (take )?

- A. 750
- B. 650
- C. 860
- D. 920

Ans. A



24. P and Q can complete a project in 15 days and 10 days, respectively. They started doing the work together, but after 2 days, Q had to leave and P alone completed the remaining work. In how many days was the whole work completed?

- A. 11
  - B. 13
  - C. 12
  - D. 10
- Ans. C

25. If  $x^2 - 5x + 1 = 0$ , then the value of ?

- A. 28
  - B. 30
  - C. 25
  - D. 23
- Ans. D



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**Section : English Comprehension**

1. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.  
After finishing high school, I plan to pursuing law.

- A. plan to pursuing
- B. No substitution
- C. plan to pursue
- D. plan in pursue

Ans. C

2. Select the most appropriate ANTONYM of the word 'SINKS' from the given sentence.

Groups work together to create Christmas parade themes, which are then carried out in floats, musical groups, and strolling figures.

- A. Floats
- B. Create
- C. Strolling
- D. Parade

Ans. A

3. Select the most appropriate meaning of the given idiom.

All eyes

- A. Watching eagerly
- B. Watching with no interest
- C. Not watching at all
- D. Watching with anger

Ans. A

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

The angles are equal, consequently the sides are \_\_\_\_\_.

- A. unequal
- B. larger
- C. smaller
- D. equal

Ans. D

5. Select the most appropriate word segment for the underlined word in the given sentence.

Pintu has been advised to reduce smoking by his family doctor.

- A. cut down
- B. less down
- C. up down
- D. lower down

Ans. A



6. Select the correct indirect form of the given sentence.  
She said, "I am in no mood to work now."

- A. She said that she has been in no mood to work then.
- B. She said that she was in no mood to work now.
- C. She said that she was in no mood to work then.
- D. She said that she has been in no mood to work now.

Ans. C

7. Select the most appropriate option to substitute the underlined segment in the given sentence.

Our guests arrived; they are sitting in the garden.

- A. are arriving
- B. might arrive
- C. shall arrive
- D. have arrived

Ans. D

8. Select the correct passive form of the given sentence.

Manu will tell her later.

- A. She will tell later by Manu.
- B. She will be tell later.
- C. She will be told later by Manu.
- D. She will be tell later by Manu.

Ans. C

9. Select the correct active form of the given sentence.

Has the villa been occupied by them?

- A. Have they occupied the villa?
- B. Had they occupied the villa?
- C. Did they occupied the villa?
- D. Do they occupied the villa?

Ans. A

10. Select the most appropriate ANTONYM of the given word.

Hospitality

- A. Complaint
- B. Wrathful
- C. Cordiality
- D. Coldness

Ans. D



11. In the given sentence, one word may have been incorrectly spelt. Select the correctly spelt word from the given alternatives. If there is no error, select 'No error' as your answer.

The erroneous information spread rapidly across the nation and created a stir.

- A. errauneous
- B. eronneous
- C. No error
- D. erronous

Ans. C

12. Select the most appropriate ANTONYM of the given word.

Rebellion

- A. Allotment
- B. Sediton
- C. Uprising
- D. Loyalty

Ans. D

13. Select the INCORRECTLY spelt word.

- A. Hiest
- B. Cringe
- C. Defer
- D. Finery

Ans. A

14. 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. When this extra water vapour condenses into precipitation, it results in heavier rain— or, if it's cold enough, heavier snow.
- B. The atmosphere can store an additional 4% of water vapour for every additional 1°F of warming.
- C. More water evaporates from soils, plants, lakes and seas as the atmosphere warms.
- D. One of the most obvious indications of climate change is heavier rainfall.

- A. DCBA
- B. ACDB
- C. BCAD
- D. CBDA

Ans. A

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

He was looking into his book for the last two hours but couldn't find it.

- A. looking down on his book
- B. looking for his book
- C. looking after his book
- D. looking above his book

Ans. B



16. Select the most appropriate collocating word to fill in the blank.  
Ram was praised for his \_\_\_\_\_ leadership.

- A. magical
  - B. visionary
  - C. broad
  - D. imaginary
- Ans. B

17. Select the most appropriate synonym of the given word.

Confusion

- A. Intrepidity
- B. Commotion
- C. Stagnation
- D. Perusal

Ans. B

18. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

During an earthquake, / it is advised to take / cover above a table / to save your life.

- A. it is advised to take
- B. to save your life.
- C. During an earthquake,
- D. cover above a table

Ans. D

19. Select the most appropriate meaning of the given idiom.

Like a cakewalk

- A. Pleasant experience
- B. Smooth surface
- C. Easy task
- D. Active

Ans. C

20. Select the sentence with the appropriate use of adverb of manner.

- A. He done his work regularly.
- B. He has done his work on my table.
- C. He does his work carefully.
- D. He has just done his work.

Ans. C



**Comprehension (Q21-25):** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Digital India can be the prime (1)\_\_\_\_\_ behind making a reality of the government's promise of minimum government, maximum governance. Such a transformation requires technology to be firmly (2)\_\_\_\_\_ into government, something that the Digital India project lists as one of its foremost objectives. Embedding technology into government (3) \_\_\_\_\_ will do three things; transform the government and make it more transparent and efficient, transform the lives of citizens especially those at the bottom of the (4)\_\_\_\_\_ pyramid and make our economy more efficient and competitive. A 2014 McKinsey Global Institute report predicts that the large-scale (5) \_\_\_\_\_ of technology through Digital India positions India with the biggest opportunity yet to accelerate economic growth.

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

- A. might
- B. impact
- C. force
- D. factors

Ans. C

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

- A. inserted
- B. stuck
- C. embedded
- D. planted

Ans. C

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

- A. offices
- B. processes
- C. hierarchies
- D. details

Ans. B

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

- A. mythical
- B. classified
- C. proverbial
- D. hypothetical

Ans. C



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

- A. anticipation
- B. enhancement
- C. monitoring
- D. adaptation

Ans. D



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