

SSC CGL Tier -1 Previous Years' Paper 1st December Shift 2 (English)







Combined Graduate Level Examination Tier I 2022 1st December English Shift 2

Section: General Intelligence and Reasoning

1. 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)
. (474 460 467)

A. (171 –169 – 167) B. (153 – 151 – 147) C. (201 –198 –197) D. (183 – 181 – 178) Ans. B

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

Α.

В.

C.

D.

Ans. B

3. 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 K are H.

II. No S is K.

Conclusion:

I. No K is S.

II. All H are K.

A. Both conclusions I and II follows

B. Only conclusion I follows

C. Only conclusion II follows

D. Neither conclusion follows

Ans. B

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

Α.

В.

C.

D.

Ans. C

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









A.

В.

C.

D.

Ans. B

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

4, 6, 12, 14, 28, 30, ?

A. 62

B. 54

C. 52

D. 60

Ans. D

7. In a certain code language, 'PSYCHIC' is written as 'YSPCCIH' and 'CITIZEN' is written as 'TICINEZ'. How will 'MAHATMA' be written in that language?

A. HAMAATM

B. HAMAMAT

C. HAMAAMT

D. AHMAAMT

Ans. C

8. Which two signs and two numbers should be interchanged in the following equation to make it correct? $150 \times 15 + 14 - 9 \div 2 = 6$

A. 9, 2, -, ×

B. 150, 2, ÷, -

C. 9, 2, \div , \times

D. 15, 9, +, ÷

Ans. C



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

Α.

В.

C.

D.

Ans. B

10. If $A \times B$ means that A is the father of B, A + B means that A is the mother of B, $A \div B$ means that A is the brother of B then which of the following expression shows that Q is the son of P?

A. $R \times Q + P$

B. $Q + P \times R$

 $C. P + Q \div R$

D. $P + Q \times R$

Ans. D

11. 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.

GAVE: AGEV:: KEPT: EKTP:: ACID:?









- A. CADI
- B. CIAD
- C. ACDI
- D. CAID

Ans. A

- 12. In a certain code language, 'CYTOSKELETON' is written as 'TYCKSOELENOT', 'MALNUTRITION' is written as 'LAMTUNTIRNOI'. How will 'ALLITERATION' be written in that language?
- A. LLAETITRANOI
- **B. LLAETITARNOI**
- C. LLAETIATRNOI
- D. LLEATITARNOI

Ans. B

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

NMQR, NQYD, NUGP, NYOB, ?

- A. NQRC
- B. NMWN
- C. NCWN
- D. NWRQ

Ans. C

14. 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.

12:16::18:?::24:64

A. 28

B. 26

C. 32

D. 36

Ans. D



15. 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:

Some doctors are painters.

Some doctors are labours.

All the labours are athletes.

Conclusions:

- I. Some labours are painters.
- II. Some athletes are doctors.
- III. All the doctors are athletes.
- IV. Some athletes are painters.
- A. Only conclusions II and III follow
- B. Only conclusion III follows
- C. Only conclusions I and II follow
- D. Only conclusion II follows









Ans. D

16. If '+' means '÷', '—' means '+', '×' means '—' and '÷' means '×', what will be the value of the following expression?

$$[{(38 \times 23) - (4 \div 3)} + (6 - 3)] \div 2$$

- A. 12
- B. 6
- C. 8
- D. 3
- Ans. B
- 17. 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. KGI
- B. TVR
- C. DFB
- D. QSO
- Ans. A
- 18. Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 2 '.
- A. 3
- B. 5
- C. 4
- D. 1
- Ans. C
- 19. Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.

- A. 50
- B. 60
- C. 65
- D. 55
- Ans. B
- 20. 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.

JUMPED: LWORGF:: QUICKS: SWKEMU:: FUZING:?

- A. HWKBPI
- B. IPKBWH
- C. HWBKPI
- D. HKWIPB
- Ans. C
- 21. Which of the following letter-clusters will replace the question mark (?) and complete the following letter-cluster series?

 DW, FU, GT, IR, JQ, ?









A. LO

B. MO

C. LP

D. LN

Ans. A

- 22. A @ B means 'A is the sister of B'.
- A & B means 'A is the brother of B'.

A # B means 'A is the wife of B'.

A ^ B means 'A is the mother of B'

A + B means 'A is the father of B'.

If A + G & I + R @ S @ T # U & V, then which of the following statements is NOT correct?

A. G is the brother of I.

B. A is the maternal grandfather of T.

C. R is the paternal granddaughter of A.

D. I is the father-in-law of U.

Ans. B

23. Which of the following interchange of numbers and mathematical signs would make the given equation correct?

 $30 \div 6 \times 4 + 15 - 35 = 25$

A. 25 and 35, × and ÷

B. 30 and 35, -and ÷

C. 4 and 6, + and-

D. 25 and 30, × and-

Ans. A

- 24. After arranging the given words according to dictionary order, which word will come at 'Fourth' position?
- 1. Unseen
- 2. Unseam
- 3. Unsafe
- 4. Unsound
- 5. Unsay
- A. Unsay
- B. Unsound
- C. Unseam
- D. Unseen

Ans. D

25. 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. 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)

(240, 55, 65)

(320, 85, 75)









A. (200, 5, 105)

B. (140, 35, 25)

C. (160, 35, 45)

D. (220, 90, 15)

Ans. C











Section: General Awareness

 Thorny bushes are found in region. A. high rainfall B. dry desert C. mediterranean D. polar Ans. B
 2. Who among the following classical dancers was rewarded with the Padma Vibhushan Award in 2003? A. Shovana Narayan B. Kumudini Lakhia C. Sonal Mansingh D. Sunayana Hazarilal Ans. C
 3. Which of the following statements about cell cycle is FALSE? A. In M phase, the cell grows physically larger and copies organelles. B. In S phase, replication of DNA takes place. C. In G1 phase, the cell grows physically larger and copies organelles. D. Preparation of mitosis takes place in G2 phase. Ans. A 4. Which of the following is highest quality coal?
A. Peat B. Bituminous C. Lignite D. Anthracite Ans. D
5. The Tamil word 'muvendar' mentioned in the Sangam poems means A. three chiefs B. Headmen C. dhamma mahamatta D. Rich Ans. A
 6. In which of the following languages did Jyotiba Phule write 'Gulamgiri' in 1873? A. Gujarati B. English C. Marathi D. Hindi Ans. C

- 7. Which of the given sectors is largely driven by considerations of social welfare?
- A. Foreign
- B. Co-operative
- C. Public









D. Private Ans. C
 8. Common name of the compound CaOCl₂ is A. washing soda B. gypsum C. baking soda D. bleaching powder Ans. D
 9. Abdul Karim Khan was the exponent of which school of Hindustani Music? A. Gwalior Gharana B. Kirana Gharana C. Delhi Gharana D. Jaipur Gharana Ans. B
10. Which of the following cities hosted the 2019 Military World Games organised by the International Military Sports Council? A. Rio de Janeiro, Brazil B. Wuhan, China C. Mungyeong, South Korea D. Bogota, Colombia Ans. B 11. The Hindu college was established in 1791 at A. Calcutta B. Banaras C. Surat D. Dacca Ans. B
12. Who has taken oath as Bihar Chief Minister for 8th time?A. Pramod SawantB. Anugrah NarayanC. Tejaswi Prasad YadavD. Nitish KumarAns. D
13. The SI unit of acceleration is A. m/s B. m²/s C. m/s² D. m²/s² Ans. C

14. 'Indira Gandhi Shehri Rozgar Guarantee Yojana 2022' has been implemented by which state government?









- A. Himachal Pradesh B. Rajasthan C. Uttar Pradesh D. Maharashtra Ans. B 15. Choose the correct pair from the following options. A. Second Five-year Plan – Focus on agriculture B. Third Five-year Plan – Rapid industrialisation and basic industries C. Fourth Five-year Plan - Family planning programme D. First Five-year Plan – Mahalanobis model Ans. C 16. Fundamental Duties were added in the Constitution of India under the leadership of which Prime Minister of India? A. Narsimha Rao B. Indira Gandhi C. Charan Singh D. Lal Bahadur Shastri Ans. B 17. What are the three parts of bacterial flagellum? A. Filament, tail and hook B. Filament, hook and basal body C. Basal body, tail and filament D. Head, tail and lower body Ans. B 18. The Vice President of India is elected for a period of _ A. 2 B. 6 C. 3 D. 5 Ans. D
- 19. 'Mission Kushal Karmi' was launched to upgrade the skills of construction workers.

This programme was launched by the government of _____.

- A. Punjab
- B. Haryana
- C. Delhi
- D. Gujarat

Ans. C

- 20. Which of the following festivals is celebrated in the month of August-September?
- A. Kite Festival
- B. Makar Sankranti
- C. Onam
- D. Bikaner Festival









Ans. C

21. 9	Shyamji Krishna	Varma established	l India House at	in 1905.

- A. Bombay
- B. Paris
- C. London
- D. New York

Ans. C

- 22. Which of the following folk dance forms does NOT belong to the state of Gujarat?
- A. Vinchhudo
- B. Dandiya Raas
- C. Bidesiya
- D. Garba

Ans. C

- 23. Identify an example of organisms that are free-swimming and bottom-dwelling forms.
- A. Zooplankton
- B. Jellyfishes
- C. Phytoplankton
- D. Fungi

Ans. A

- 24. Which of the following are Rabi crops only?
- A. Maize and peas
- B. Paddy and cotton
- C. Wheat and jowar
- D. Barley and gram

Ans. D

EXAM PREP

- 25. first edition of the Youth Olympic Games was held at ______
- A. Lausanne
- B. Nanjing
- C. Innsbruck
- D. Singapore

Ans. D









Section: Quantitative Aptitude

 A, B and C can complete a piece of work separately in 10, 20 and 40 days, respectively. In how many days will the work be completed if A is assisted by both B and C every third day? A. B. 6 C. 9 D. Ans. D
 2. A shopkeeper makes a net profit of 44% on selling an article at successive discounts of 10% and 20%. Find the net profit percentage, if the shopkeeper sells the same article at a discount of 15%. A. 70% B. 30% C. 40% D. 50% Ans. A
3. The value of (sin30° cos60° - cos30° sin60°) is equal to: A. cos30° Bsin30° Ccos30° D. sin30° Ans. B
4. O is the centre of this circle. Tangent drawn from a point P, touches the circle at Q. If PQ = 24 cm and OQ = 10 cm, then what is the value of OP? A. 26 cm B. 15 cm C. 52 cm D. 13 cm Ans. D
 5. The side of an equilateral triangle is 12 cm. What is the radius of the circle circumscribing this equilateral triangle? A. B. C. D. Ans. C
6. The difference between the cost price and selling price of a pair of shoes is Rs.1,200. If the profit is 15%, the selling price is: A. Rs.9,200 B. Rs.9,000 C. Rs.8,200 D. Rs.8,000 Ans. A









7. What is the remainder when 8127 is divided by 8?

A. 5

B. 6

C. 7

D. 4

Ans. C

8. If , then what is the value of $(X^4 + X^{-4})$?

A. 2650

B. 2452

C. 2542

D. 2302

Ans. D

9. x is a negative number such that k + k-1 = -2, then what is the value of?

A. A. -1

B. -7

C. 7

D. 1

Ans. D

10. The table given below shows the number of persons participating in a survey from 6 different states.

States	Persons
S1	100
S2	200
S3	400
S4	500
S5	600
S6	800



What is the ratio of number of person participating in a survey from state S3 to the number of person participating in a survey from state S4?









A. 5:4

B. 4:3

C. 4:5

D. 3:5

Ans. C

11. The following table shows the marks (in percentages) obtained by six students in four different subjects in an examination. Maximum marks in each subject are 100.

Student		SUBJECT			
I	SST	PHYSICS	CHEMISTRY	MATHS	
А	92	90	90	80	
В	90	80	85	85	
С	80	80	65	70	
D	85	80	82	75	
E	80	75	75	85	
F	90	90	90	85	

Answer the following question based on the table:

What is the number of students whose overall percentage obtained is 80% and above?

- A. 5
- B. 3
- C. 2
- D. 4
- Ans. D
- 12. What is the ratio between the HCF and LCM of the numbers whose LCM is 48 and the product of the numbers is 384?
- A. 1:6
- B. 1:4
- C. 1:3
- D. 2:5
- Ans. A
- 13. A hemisphere of lead of radius 4 cm is cast into a right circular cone of height 72 cm. What is the radius of the base of the cone?
- A. 1.45 cm









B. 1.33 cm

C. 1.35 cm

D. 1.63 cm

Ans. B

14. What is the ratio of the mean proportional between 1.6 and 3.6 and the third proportional of 5 and

A. 4:15

B. 5:16

C. 3:16

D. 2:15

Ans. C

15. What will be the value of?

A.

В.

C.

D. 1

Ans. D

16. The following table shows the number of different items in different shops and their respective selling prices per unit.

selling prices pe	er unit.				
Shops	Total No. of Items	AC : Cooler Fan	Selling Price per un		er unit
		FX/	AC	Fan	D
А	5000	4:5:1	8000	25000	8500
В	1800	3:2:4	10000	20000	16000
С	3400	6:4:7	6000	42000	15000
D	3600	4:2:3	12000	32000	8000
E	4000	5:1:4	8000	26500	12200
F	1210	2:4:5	11000	28000	11100

Find the percentage of total revenue which comes from Cooler from shop E, considering all given items are being sold from shop E and from all the given shops only given three items are being sold. (Rounded off to three decimal places)









A. 10.45%

B. 4.226%

C. 8.910%

D. 3.516%

Ans. B

17. Study the given chart and answer the following question.

What is the central angle corresponding to the production steel by Kerala?

A. 82°

B. 75.2

C. 72°

D. 65.8°

Ans. C

18. If areas of similar triangles DABC and DDEF are $x^2 \text{ cm}^2$ and $y^2 \text{ cm}^2$ respectively, and EF = a cm, then BC (in cm) is:

A.

В.

C.

D.

Ans. A

19. If the angles of a triangle are (x - 46) degrees, (x + 96) degrees and 8x degrees, then what is the value of 2x?

A. 13 degrees

B. 15 degrees

C. 26 degrees

D. 24 degrees

Ans. C

20. Simplify $x^9 \times x^5 \times x^{-4} \times x^0 \times x^{-6}$.

A. x⁻⁴

B. x⁴

C. x^{-6}

D. x⁶

Ans. B

21. A man rows a boat a certain distance downstream in 9 hours, while it takes 18 hours to row the same distance upstream. How many hours will it take him to row three-fifth of the same distance in still water?

A. 12

B. 9.5

C. 7.2

D. 10

Ans. C

22. What is $\sin \alpha - \sin \beta$?

A.

В.









C. D. Ans. A

23. A person lent certain sum of money at the annual rate of 25 percent on simple interest. In 6 years the interest amounted to Rs.360 more than the sum lent. What is the sum lent?

A. Rs.540

B. Rs.600

C. Rs.720

D. Rs.360

Ans. C

24. The price of a scooter increases successively by10%, 5% and 15%. What is the total percentage increase in price of scooter?

A.

B.

C.

D.

Ans. C

25. The average of the marks of 25 students in a class, in an examination was calculated to be 19. Later, the teacher realized that the marks of two students were taken as 18 and 19 respectively, instead of 14 and 15. Find the new actual average marks of the class.

A. 18.68

B. 17.65

C. 16.56

D. 17.43

Ans. A











Section: English Comprehension

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

Failure to carry hall ticket to the exam is considered as a <u>trivial</u> issue.

- A. kind
- B. problematic
- C. serious
- D. underrated

Ans. C

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

The clothes will be delivered by the shop on Monday.

- A. The shop will be delivering the clothes on Monday.
- B. The shop would deliver the clothes on Monday.
- C. The shop would be delivering the clothes on Monday.
- D. The shop will deliver the clothes on Monday.

Ans. D

- 3. Select the most appropriate option that can substitute the underlined segment in the given sentence. Rajan is having three brothers and three sisters.
- A. Rajan has
- B. Rajan was having
- C. Rajan having
- D. Rajan has been having

Ans. A

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

Competent

- A. Complex
- B. Capable
- C. Poor
- D. Beginner

Ans. B

- 5. 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. A panther is reported to have broken into a house yesterday in search of food and shelter.
- B. The villagers heard his cries and ran to the house but the scared animal had run away through the window by then.
- C. It secretly slouched into a room where a young man named Johnny was sleeping, who suddenly woke up and realised that the beast was roaming around his bed.
- D. Just as the panther was about to leap on him, he swiftly shot out of bed and hid in a closet.
- A. ACDB
- B. ABDC
- C. DCAB
- D. BDCA

Ans. A









6. Select the most appropriate option to fill in the blank. The doctor directed the nurse to administer an medicine to the patient. A. official B. eminent C. alternative D. insightful Ans. C
7. Select the option that contains a grammatical error in the underlined portion. It would be impossible for them to continue living in this world if each of them knew exactly what fate had it store for them. A. It would be impossible for them to continue living in this world if each of them knew exactly what fate had it store for them. B. It would be impossible for them to continue living in this world if each of them knew exactly what fate had it store for them. C. It would be impossible for them to continue living in this world if each of them knew exactly what fate had it store for them.
D. It would be impossible for them to continue living in this world if each of them knew exactly what fate had it store for them. Ans. B
8. Select the correct direct form of the given sentence. He said that something might be missing in there. A. He said, "Something had to be missing in there." B. He said, "Something may be missing in here." C. He said, "Something could be missing in here." D. He said, "Something is been missing in here." Ans. B
 9. Select the option that can be used as a one-word substitute for the given group of words. A piece of a living tissue or plant that is transplanted surgically A. Graft B. Gratis C. Gourmet D. Gracious Ans. A
10. Select the most appropriate option to fill in the blank. If you try to do something every day you will progress. A. catch B. make C. hold D. get Ans. B

11. Select the option that expresses the given sentence in passive voice.

Priya washes her clothes in the evening.

A. The clothes is washed by Priya in the evening.









- B. The clothes were washed by Priya in the evening.
- C. The clothes are washed by Priya in the evening.
- D. The clothes was washed by Priya in the evening.

Ans. C

- 12. Select the INCORRECTLY spelt word.
- A. Sleek
- B. Peircing
- C. Itch
- D. Pie
- Ans. B
- 13. Rearrange the parts of the sentence in correct order.

While physical movement

- P. activities may not require physical
- Q. is important for children, all learning
- R. the part of teachers and students
- S. movement and facial expressions on
- A. PRQS
- B. QSRP
- C. RSPQ
- D. QPSR

Ans. D

- 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. They also wore felt caps to cover their ears.
- B. They wore trousers tucked into leather boots.
- C. This place was famous for its skilful archers and horsemen.
- D. In the 5th and 4th centuries BC, today's south Ukraine was known as Scythia.
- A. ABCD
- B. CBDA
- C. DCBA
- D. BCDA

Ans. C

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

He used to reply / that the only place / for which he went / was the town library.

- A. was the town library
- B. for which he went
- C. that the only place
- D. He used to reply

Ans. B

- 16. Select the sentences that contains no spelling errors.
- A. Many communities in the world still feel that their voices and position has been dysenfranchised.
- B. Many communities in the world still feel that their voices and position has been disenfranchised.









- C. Many communities in the world still feel that their voices and position has been dissenfranchised.
- D. Many communities in the world still feel that their voices and position has been dysenfrenchized.

Ans. B

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

The <u>sporadic</u> instructions of the invigilators distracted the examinee.

- A. Continuous
- B. Repetitive
- C. Indirect
- D. Occasional

Ans. D

18. Choose the correct meaning of the given idiom.

In weal and woe

- A. In sad and gloomy days
- B. In despair and failure
- C. In prosperity and adversity
- D. In happiness and good times

Ans. C

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

A green horn

- A. Clever person
- B. Uneducated person
- C. Skilled person
- D. Inexperienced person

Ans. D

EXAMPREP

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

Announce

- A. Denounce
- B. Advertise
- C. Secret
- D. Hide

Ans. B

A. dreary

B. savvy









- C. disconnected
- D. hindered

Ans. B

- 22. Select the most appropriate option to fill in blank number 2.
- A. their
- B. they're
- C. dare
- D. there

Ans. A

- 23. Select the most appropriate option to fill in blank number 3.
- A. thoroughly
- B. daily
- C. through
- D. holistically

Ans. A

- 24. Select the most appropriate option to fill in blank number 4.
- A. distinctive
- B. active
- C. passive
- D. demonstrative

Ans. B

- 25. Select the most appropriate option to fill in blank number 5.
- A. empathisers
- B. characters
- C. sympathisers
- D. donors

Ans. A







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