VLYMBOOQ · FULL-LENGTH MOCK PAPER

SSC GD Constable - Computer Based Test (Full Paper)

80 questions · 160 marks · 60 minutes

Paper pattern

Exam: SSC GD Constable - Computer Based Test (Full Paper)
Questions: 80 Marks: 160 Time: 60 minutes
Negative marking: -0.50 marks per wrong answer (1/4 of 2 marks)
Source: SSC GD Constable CBE: 80 questions, 160 marks, 60 minutes, 20 questions in each section; negative 1/4 of the question marks.
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Sections

General Intelligence & Reasoning - 20 questions, 40 marks
General Knowledge & General Awareness - 20 questions, 40 marks
Elementary Mathematics - 20 questions, 40 marks
English/Hindi - 20 questions, 40 marks

Instructions

The timer is for practice; the real paper allows 60 minutes.
Each question has exactly one correct option.
Negative marking: -0.50 marks per wrong answer (1/4 of 2 marks).
The answer key and a full explanation for every question follow the paper.
Model-generated questions are marked as such in the HTML page; verify any factual detail against the official notification.

General Intelligence & Reasoning

Q1. Identify the next number in the series: 2, 6, 12, 20, 30, ?

A. 42
B. 44
C. 46
D. 48

Q2. Which of the following is the correct analogy: 'Finger : Hand :: ? : Foot'

A. Toe : Foot
B. Ankle : Foot
C. Knee : Foot
D. Leg : Foot

Q3. Which of the following is the mirror image of the word 'MAD'?

A. DAM
B. AMD
C. MAD
D. DMA

Q4. In a corporate hierarchy where rank is determined by strict rules: (1) No employee of 'Grade X' can supervise an employee of 'Grade Y' unless they are in the same department. (2) An employee of 'Grade X' and an employee of 'Grade Y' are never in the same department if they work on different projects. (3) Supervision implies a direct project linkage. If it is known that Employee A supervises Employee B, and both have ranks corresponding to Grade X and Grade Y respectively, which of the following conclusions about their working conditions must be true?

A. They are in the same department and work on the same project.
B. They are in different departments but work on the same project.
C. They are in the same department and work on different projects.
D. They are in different departments and work on different projects.

Q5. Identify the next term in the series: 15, 22, 33, 48, 67, ?

A. 88
B. 90
C. 92
D. 95

Q6. Which of the following is the next letter in the series: A, C, E, G, I?

A. K
B. J
C. L
D. M

Q7. Which of the following is the next letter in the series: A, C, E, G, ?

A. H
B. I
C. J
D. K

Q8. Which of the following is the odd one out: Mango, Apple, Banana, Guava

A. Mango
B. Apple
C. Banana
D. Guava

Q9. In a specific code language used for railway safety alerts, dates are encoded such that the letter corresponds to the sum of the Day's position in the month and its alphabetical value (A=1, B=2...), then converted back to a single letter based on the remainder when divided by 26. If the sum is > 26, subtract 26 once. Note: Only dates where the resulting letter is 'M' or later are considered valid alerts. On 10th March, an alert code is generated as 'L'. What date generates the alert code 'Q' under the same rules?

A. A) 13th April
B. B) 20th May
C. C) 17th June
D. D) 15th July

Q10. Which of the following is the next number in the series: 2, 4, 8, 16, ?

A. 32
B. 36
C. 40
D. 48

Q11. Which of the following is the next letter in the series: A, C, E, G, ?

A. H
B. I
C. J
D. K

Q12. Which of the following is the next letter in the series: A, C, E, G, I?

A. K
B. J
C. L
D. M

Q13. In a specific logic-gate language, the symbols represent operations as follows: '+' means 'is less than or equal to' '- means 'is greater than' '*' means 'is not equal to' '/ means 'is exactly equal to' 'The statements below are true in this language: I. A + B (A <= B) II. B - C (B > C) III. D / B IV. E * A (E != A) Given these, which of the following conclusions MUST be true?

A. A < C and D < E
B. D > C and E < A
C. D >= C and E != A
D. Data Inadequate

Q14. In a certain code, 'A' is represented by 'D', 'B' by 'E', and so on. What will 'Z' be represented by?

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

Q15. If you walk 10 km North, turn left and walk 5 km, then turn right and walk 10 km, how far are you from the starting point?

A. 5 km
B. 10 km
C. 15 km
D. 20 km

Q16. If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets?

A. 5 minutes
B. 10 minutes
C. 50 minutes
D. 100 minutes

Q17. Arrange the following words in dictionary order: 1. Apple, 2. Apricot, 3. Ant, 4. Arm.

A. 3, 1, 2, 4
B. 3, 4, 1, 2
C. 1, 3, 4, 2
D. 2, 3, 1, 4

Q18. A code language uses the following substitution: A=1, B=2, C=3, etc. What is the code for 'HELLO'?

A. 8 5 12 12 15
B. 7 5 11 11 14
C. 6 4 10 10 13
D. 5 3 9 9 12

Q19. Which of the following is the odd one out: Mango, Apple, Banana, Guava

A. Mango
B. Apple
C. Banana
D. Guava

Q20. Which of the following is the odd one out: Mango, Apple, Banana, Guava

A. Mango
B. Apple
C. Banana
D. Guava

General Knowledge & General Awareness

Q21. Which of the following rivers flows through the Satpura range?

A. Narmada
B. Godavari
C. Krishna
D. Kaveri

Q22. Who is the author of the book 'The Discovery of India'?

A. Jawaharlal Nehru
B. Mahatma Gandhi
C. Subhas Chandra Bose
D. Rabindranath Tagore

Q23. Which of the following rivers is known as the 'Ganga of the South'?

A. Godavari
B. Krishna
C. Kaveri
D. Tungabhadra

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A. Godavari
B. Krishna
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Q25. Who is the author of the book 'The Discovery of India'?

A. Jawaharlal Nehru
B. Mahatma Gandhi
C. Subhas Chandra Bose
D. Bhagat Singh

Q26. Which of the following rivers is known as the 'Ganga of the South'?

A. Godavari
B. Krishna
C. Kaveri
D. Tungabhadra

Q27. Which of the following rivers flows through the Grand Canyon?

A. Colorado River
B. Mississippi River
C. Rio Grande
D. Missouri River

Q28. Which of the following countries is the largest producer of milk?

A. India
B. United States
C. China
D. Brazil

Q29. Who is the founder of Facebook?

A. Mark Zuckerberg
B. Bill Gates
C. Steve Jobs
D. Sergey Brin

Q30. Which of the following rivers flows through the Satpura range?

A. Narmada
B. Godavari
C. Krishna
D. Kaveri

Q31. What is the chemical symbol for gold?

A. Ag
B. Au
C. Hg
D. Pb

Q32. Who is the author of the book 'India After Gandhi'?

A. Ramachandra Guha
B. Nehru
C. Amartya Sen
D. Arun Shourie

Q33. Who is the current President of India?

A. Droupadi Murmu
B. Ram Nath Kovind
C. Pranab Mukherjee
D. A.P.J. Abdul Kalam

Q34. Which of the following countries is the largest producer of milk?

A. India
B. United States
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D. Brazil

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A. India
B. United States
C. China
D. Brazil

Q36. What is the name of the largest planet in our solar system?

A. Earth
B. Saturn
C. Jupiter
D. Uranus

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D. A.P.J. Abdul Kalam

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A. Colorado River
B. Mississippi River
C. Rio Grande
D. Missouri River

Elementary Mathematics

Q41. Find the value of x if $3x + 7 = 22$.

A. 3
B. 5
C. 7
D. 9

Q42. What is the value of x in the equation: $x/4 + 2 = 9$?

A. 20
B. 28
C. 30
D. 32

Q43. A retailer purchases a smartwatch with a Manufacturer's List Price (MLP) of Rs. 2,000. He receives a 'trade discount' of 12% on the MLP. He then marks the price at 25% above his cost price. During a 'festival sale', he offers a 'cash discount' of 10% on the marked price. If the retailer declares that his 'net profit percentage' is calculated on the 'final selling price' rather than the cost price, what is his net profit percentage (rounded to the nearest integer)?

A. 11%
B. 12%
C. 13%
D. 14%

Q44. What is the ratio of the perimeter of a rectangle to its area?

A. 1:2
B. 2:1
C. Cannot be determined
D. 1:1

Q45. What is the value of x in the equation 2x + 5 = 11?

A. 2
B. 3
C. 4
D. 5

Q46. A shopkeeper sells a product at a 10% profit. If the cost price is Rs. 100, what is the selling price?

A. Rs. 90
B. Rs. 100
C. Rs. 110
D. Rs. 120

Q47. A shopkeeper sells a product at a 10% profit. If the cost price is Rs. 100, what is the selling price?

A. Rs. 90
B. Rs. 100
C. Rs. 110
D. Rs. 120

Q48. A train crosses a pole in 18 seconds. The train's speed is 72 km/h. If the train's length is increased by 120 meters, how long will it take to cross the pole?

A. 24 seconds
B. 30 seconds
C. 35 seconds
D. 40 seconds

Q49. What is the value of x in the equation: x/4 + 2 = 9?

A. 20
B. 28
C. 30
D. 32

Q50. An Indian Railways employee saves for a new ticket reservation system upgrade by depositing Rs 2,000 at the end of each month into a Public Provident Fund (PPF) account. The bank announces an annual compound interest rate of 7.2% compounded annually. Assuming the standard PPF calculation where monthly deposits are treated as a lump sum deposited half-yearly for approximation in simplified exams, which is closest to the total maturity value after 2 years?

A. Rs 48,500
B. Rs 51,200
C. Rs 49,300
D. Rs 47,600

Q51. In a government procurement tender for 'Project Yogi', the contractor declares that the total estimated Cost Price (CP) for a batch of uniforms was calculated as 80% of the total Selling Price (SP). If the final SP for the batch was Rs. 240,000, and the actual expenses incurred were: Materials (40% of CP), Labor (35% of CP), and Overheads (25% of CP), what is the amount spent on Overheads? **Note:** The 'Materials' expense was found to be under-estimated by Rs. 5,000 in the initial draft, but the question asks for the **calculated** Overhead based on the declared percentages and the given SP.

A. Rs. 48,000
B. Rs. 53,000
C. Rs. 52,000
D. Rs. 60,000

Q52. What is the value of x in the equation: 2x + 5 = 11?

A. 2
B. 3
C. 4
D. 5

Q53. A basket contains 50 apples. If 20% are rotten, how many good apples are left?

A. 30
B. 40
C. 50
D. 20

Q54. A shopkeeper sells a product at a 10% profit. If the cost price is Rs. 100, what is the selling price?

A. Rs. 90
B. Rs. 100
C. Rs. 110
D. Rs. 120

Q55. A suburban train covers a distance of 120 km in 2 hours at its scheduled speed. On the return journey, due to signal disruptions at exactly 5 platforms encountered, the train incurs a fixed 'delay penalty' of 4 minutes for every platform passed. If the train maintains the exact same average speed between these platforms as it did on the outbound journey, how much total time is required for the entire return trip?

A. 2 hours
B. 2 hours 10 minutes
C. 2 hours 20 minutes
D. 2 hours 30 minutes

Q56. What is the value of x in the equation: 2x + 5 = 11?

A. 2
B. 3
C. 4
D. 5

Q57. A car travels 250 km in 5 hours. What is its average speed?

A. 50 km/h
B. 60 km/h
C. 55 km/h
D. 65 km/h

Q58. What is the area of a triangle with a base of 10 cm and a height of 6 cm?

A. 20 sq. cm
B. 30 sq. cm
C. 40 sq. cm
D. 50 sq. cm

Q59. What is the value of x in the equation: x/4 = 9?

A. 36
B. 40
C. 45
D. 50

Q60. A car travels 250 km in 5 hours. What is its average speed?

A. 25 km/h
B. 50 km/h
C. 75 km/h
D. 100 km/h

English/Hindi

Q61. In a newly formed administrative zone, the Governor issued an order to prevent the duplication of duties among officials who are already working in the same department. This act of assigning two or more responsibilities to a single official is known as: A) Embezzlement B) Pluralism C) Congruence D) Accumulation

A. Embezzlement
B. Pluralism
C. Congruence
D. Accumulation

Q62. Identify the sentence that is most appropriate for a formal letter of appointment from a government department: 'A. You are hereby appointed as a Junior Assistant, effective from 1st July 2024. B. They have made you the Junior Assistant starting July 1st. C. Get ready to work as a Junior Assistant from tomorrow. D. You are chosen for the job of Junior Assistant.

A. You are hereby appointed as a Junior Assistant, effective from 1st July 2024.
B. They have made you the Junior Assistant starting July 1st.
C. Get ready to work as a Junior Assistant from tomorrow.
D. You are chosen for the job of Junior Assistant.

Q63. What is the meaning of the word 'Ennui'?

A. A feeling of listlessness and boredom
B. A feeling of excitement and energy
C. A feeling of happiness and joy
D. A feeling of anger and frustration

Q64. Which of the following sentences is in the passive voice?

A. The dog bites the man
B. The man is bitten by the dog
C. The dog is biting the man
D. The man bites the dog

Q65. Identify the error in the sentence: 'The company have announced a new policy.'

A. The subject-verb agreement is incorrect
B. The tense is incorrect
C. The sentence is in passive voice
D. The sentence is in active voice

Q66. Which of the following words is the correct synonym for 'Enormous'?

A. Huge
B. Tiny
C. Small
D. Miniature

Q67. Which of the following sentences is in the passive voice?

A. The dog bites the man
B. The man is bitten by the dog
C. The dog is biting the man
D. The man bites the dog

Q68. Select the most appropriate preposition to complete the sentence while maintaining a formal, bureaucratic register often used in official Indian government circulars regarding policy implementation. "The Ministry issued a directive _____ all regional offices to align their operational timelines with the central committee's new fiscal framework."

A. towards
B. for
C. to
D. about

Q69. In the latest bureaucratic memo, the Director accused the department of 'walking on eggshells'. However, upon reviewing the attached data showing a 150% increase in reckless spending, the oversight committee concluded that the department was actually: [Options]. The word that best fills the blank while inverting the intended meaning from the idiom is: A) Cautious B) Indifferent C) Immeasurable D) Reckless

A. Cautious
B. Indifferent
C. Immeasurable
D. Reckless

Q70. Which of the following sentences is in the correct grammatical form?

A. Me and my friend goes to the store.
B. My friend and I go to the store.
C. I and my friend goes to the store.
D. My friend and me go to the store.

Q71. Select the word that best completes the sentence: 'If the monsoon onset had been delayed by three weeks, the resulting drought would have triggered a scenario described as a _____,' where the blank requires a term for a situation of sudden, overwhelming scarcity caused specifically by a lack of rain during the critical agricultural window.'

A. A. Calamity
B. B. Famine
C. C. Scarcity
D. D. Misery

Q72. In a recent press briefing regarding the rising cost of living, the Minister stated that 'inflation hedging' schemes must be restructured to account for 'administrative bloat,' which acts as a hidden tax. The term referring to this specific administrative waste or excess is:

A. A]Red Tapeism
B. B]Freneticism
C. C]Bureaucracy
D. D]Nepotism

Q73. Which one-word substitution correctly completes the sentence: 'The _____ is an official responsible for collecting revenue and managing finances in a local government office.'?

A. Registrar
B. Treasurer
C. Collector
D. Clerk

Q74. Select the most appropriate word to complete the sentence with logical consistency: 'The Central Board of Direct Taxes (CBDT) announced a _____ on the new e-filing format, citing "technical complexities" and "resource constraints," yet simultaneously dispatched 500 inspectors to verify returns filed under the old system. This decision creates a(n) _____ for compliant taxpayers who fear their data is already flagged.' Options: A) moratorium, paradox B) respite, dichotomy C) reprieve, anomaly D) mandate, contradiction

A. moratorium, paradox
B. respite, dichotomy
C. reprieve, anomaly
D. mandate, contradiction

Q75. In a recent public sector audit, the department's 'Performance Review Matrix' was found to be _____ that it could not account for the 15% reduction in operational efficiency.

A. so
B. such
C. as
D. that

Q76. Select the option that correctly completes the sentence: 'After years of meticulous preparation and a promising career start, his sudden decision to quit mid-project left him _____ in a financial mess.'

A. A) stuck high on the wall
B. B) stuck with the bill
C. C) stuck in a rut
D. D) stuck for an answer

Q77. The RBI Governor announced that the newly issued sovereign bonds offer '_____,' a financial instrument specifically designed to protect investors' principal value against rising consumer price indices.

A. Deflationary Hedges
B. Inflation-Indexed Bonds
C. Zero-Coupon Securities
D. Treasury Bills

Q78. In the context of the recent 'Digital India' initiative, a government report stated that '_____' in rural governance involves moving from reactive aid to proactive planning. Which word best fits the blank? A) Reactionism B) Proactivity C) Indifference D) Conservatism

A. Reactionism
B. Proactivity
C. Indifference
D. Conservatism

Q79. The Prime Minister's speech on the National Infrastructure Project concluded exactly as the first train departed from New Delhi, _____ that the new high-speed line would reduce travel time by 40% within two years. A) stating B) had it stated C) it was stated D) which was stated

A. A) stating
B. B) had it stated
C. C) it was stated
D. D) which was stated

Q80. In the bustling Mumbai tea stall, amidst the chaotic noise of commuters and hawkers, old Manohar sat quietly. He observed the frantic crowd but remained utterly _____ to the loud arguments breaking out on his left.

A. A] deaf
B. B] immune
C. C] blind
D. D] oblivious

Answer key

Q1 A	**Q2 A**	**Q3 A**	**Q4 A**
Q5 A	**Q6 A**	**Q7 B**	**Q8 B**
Q9 A	**Q10 A**	**Q11 B**	**Q12 A**
Q13 C	**Q14 D**	**Q15 A**	**Q16 A**
Q17 A	**Q18 A**	**Q19 B**	**Q20 B**
Q21 A	**Q22 A**	**Q23 A**	**Q24 A**
Q25 A	**Q26 A**	**Q27 A**	**Q28 A**
Q29 A	**Q30 A**	**Q31 B**	**Q32 A**
Q33 A	**Q34 A**	**Q35 A**	**Q36 C**
Q37 C	**Q38 A**	**Q39 A**	**Q40 A**
Q41 B	**Q42 B**	**Q43 A**	**Q44 C**
Q45 B	**Q46 C**	**Q47 C**	**Q48 A**
Q49 B	**Q50 C**	**Q51 A**	**Q52 B**
Q53 B	**Q54 C**	**Q55 C**	**Q56 B**
Q57 A	**Q58 B**	**Q59 A**	**Q60 B**
Q61 B	**Q62 A**	**Q63 A**	**Q64 B**
Q65 A	**Q66 A**	**Q67 B**	**Q68 C**
Q69 D	**Q70 B**	**Q71 B**	**Q72 A**
Q73 C	**Q74 A**	**Q75 B**	**Q76 B**
Q77 B	**Q78 B**	**Q79 A**	**Q80 D**

Solutions and explanations

Q1. Identify the next number in the series: 2, 6, 12, 20, 30, ?
Answer: A
The differences between consecutive terms are 4, 6, 8, 10. The next difference should be 12. Adding 12 to the last term (30) gives 42.

Q2. Which of the following is the correct analogy: 'Finger : Hand :: ? : Foot'
Answer: A
The correct analogy is 'Finger : Hand :: Toe : Foot' because just as a finger is a part of a hand, a toe is a part of a foot.

Q3. Which of the following is the mirror image of the word 'MAD'?
Answer: A
The mirror image of the word 'MAD' is 'DAM'.

Q4. In a corporate hierarchy where rank is determined by strict rules: (1) No employee of 'Grade X' can supervise an employee of 'Grade Y' unless they are in the same department. (2) An employee of 'Grade X' and an employee of 'Grade Y' are never in the same department if they work on different projects. (3) Supervision implies a direct project linkage. If it is known that Employee A supervises Employee B, and both have ranks corresponding to Grade X and Grade Y respectively, which of the following conclusions about their working conditions must be true?
Answer: A
1. Condition (1) requires them to be in the same department for A to supervise B. 2. Condition (3) states supervision implies a direct project linkage, meaning they must share the same project. 3. Condition (2) creates a hypothetical constraint: if they were on different projects, they could not be in the same department. Since we established they are in the same department from step 1, the premise of condition (2) regarding 'different projects' must be false for them to remain in the same department. 4. Therefore, to satisfy all conditions while maintaining the supervision hierarchy, they must be in the same department and working on the same project.

Q5. Identify the next term in the series: 15, 22, 33, 48, 67, ?
Answer: A
The differences between terms are 7, 11, 15, 19 (increasing by 4). The next difference is 23. 67 + 23 = 88.

Q6. Which of the following is the next letter in the series: A, C, E, G, I?
Answer: A
The pattern of the series is obtained by adding 2 to the previous letter in the alphabet, so the next letter in the series would be K.

Q7. Which of the following is the next letter in the series: A, C, E, G, ?
Answer: B
The pattern of the series is incrementing by 2 letters in the alphabet, so the next letter in the series is 'I'.

Q8. Which of the following is the odd one out: Mango, Apple, Banana, Guava
Answer: B
The odd one out is 'Apple' because the other three options are all tropical fruits, while 'Apple' is a temperate fruit.

Q9. In a specific code language used for railway safety alerts, dates are encoded such that the letter corresponds to the sum of the Day's position in the month and its alphabetical value (A=1, B=2...), then converted back to a single letter based on the remainder when divided by 26. If the sum is > 26, subtract 26 once. Note: Only dates where the resulting letter is 'M' or later are considered valid alerts. On 10th March, an alert code is generated as 'L'. What date generates the alert code 'Q' under the same rules?
Answer: A
Let day = d, month position in year (Jan=1...Mar=3). Code Letter Q is the 17th letter of alphabet. Formula: (d + Month_Pos) % 26 = Q_Val. If result > 26, subtract 26. Check Option A (13th April): April is month 4. Day=13. Sum = 13 + 4 = 17. Letter for 17 is 'Q'. Matches.

Q10. Which of the following is the next number in the series: 2, 4, 8, 16, ?
Answer: A
The pattern of the series is doubling the previous number, so the next number in the series is 32.

Q11. Which of the following is the next letter in the series: A, C, E, G, ?
Answer: B
The pattern of the series is incrementing by 2 letters in the alphabet, so the next letter in the series is 'I'.

Q12. Which of the following is the next letter in the series: A, C, E, G, I?
Answer: A
The pattern of the series is obtained by adding 2 to the previous letter in the alphabet, so the next letter in the series would be K.

Q13. In a specific logic-gate language, the symbols represent operations as follows: '+' means 'is less than or equal to' '- means 'is greater than' '*' means 'is not equal to' '/ means 'is exactly equal to' 'The statements below are true in this language: I. A + B (A <= B) II. B - C (B > C) III. D / B IV. E * A (E != A) Given these, which of the following conclusions MUST be true?

Answer: C

1. Translate statements: I(A<=B), II(B>C), III(D=B), IV(E!=A). 2. Combine I & II via B: Since A<=B and B>C, we have A<=B>C. No direct relation between A and C. 3. Substitute III into chain: D=B. Thus A<=D>C. Therefore D>=C is logically valid (since B>=C implies D>=C). 4. Analyze IV with substitution: E!=A. No fixed inequality exists between E and A, so 'E < A' or 'E > A' cannot be determined. 5. Evaluate options: Option C states 'D >= C and E != A'. This matches our derived facts perfectly.

Q14. In a certain code, 'A' is represented by 'D', 'B' by 'E', and so on. What will 'Z' be represented by?

Answer: D

Since each letter is shifted 3 places forward in the alphabet (A to D, B to E), 'Z' would be shifted to 'C' because the sequence wraps around the alphabet when it reaches 'Z'.

Q15. If you walk 10 km North, turn left and walk 5 km, then turn right and walk 10 km, how far are you from the starting point?

Answer: A

Start North 10. Left is West 5. Left is South 10. Net displacement is 5 km West. Distance from start is 5 km.

Q16. If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets?

Answer: A

The rate of production per machine does not change, so if 5 machines can make 5 widgets in 5 minutes, 100 machines can make 100 widgets in the same amount of time, which is 5 minutes.

Q17. Arrange the following words in dictionary order: 1. Apple, 2. Apricot, 3. Ant, 4. Arm.

Answer: A

Comparing first letters: 'Ant' (A-n), 'Apple' (A-p), 'Apricot' (A-p-r). 'n' comes before 'p', so Ant is first. Between Apple and Apricot, 'pp' vs 'pr', 'p' comes before 'r'. So Apple then Apricot. Then Arm. Order: Ant, Apple, Apricot, Arm.

Q18. A code language uses the following substitution: A=1, B=2, C=3, etc. What is the code for 'HELLO'?

Answer: A

Using the substitution, H=8, E=5, L=12, L=12, O=15, so the code for 'HELLO' is 8 5 12 12 15.

Q19. Which of the following is the odd one out: Mango, Apple, Banana, Guava

Answer: B

The odd one out is 'Apple' because the other three options are all tropical fruits, while 'Apple' is a temperate fruit.

Q20. Which of the following is the odd one out: Mango, Apple, Banana, Guava

Answer: B

The odd one out is 'Apple' because the other three options are all tropical fruits, while 'Apple' is a temperate fruit.

Q21. Which of the following rivers flows through the Satpura range?

Answer: A

The Narmada river flows through the Satpura range.

Q22. Who is the author of the book 'The Discovery of India'?

Answer: A

The book 'The Discovery of India' was written by Jawaharlal Nehru, the first Prime Minister of India, while he was in prison during the British rule.

Q23. Which of the following rivers is known as the 'Ganga of the South'?

Answer: A

The river Godavari is known as the 'Ganga of the South' due to its cultural and spiritual significance in southern India.

Q24. Which of the following rivers is known as the 'Ganga of the South'?

Answer: A

The Godavari River is often referred to as the 'Ganga of the South' due to its cultural and geographical significance in southern India.

Q25. Who is the author of the book 'The Discovery of India'?

Answer: A

Jawaharlal Nehru is the author of the book 'The Discovery of India'.

Q26. Which of the following rivers is known as the 'Ganga of the South'?

Answer: A

The river Godavari is known as the 'Ganga of the South' due to its cultural and spiritual significance in southern India.

Q27. Which of the following rivers flows through the Grand Canyon?

Answer: A

The Colorado River is the river that flows through the Grand Canyon, one of the most famous natural wonders in the United States.

Q28. Which of the following countries is the largest producer of milk?
Answer: A
India is the largest producer of milk in the world, accounting for over 18% of global milk production.

Q29. Who is the founder of Facebook?
Answer: A
Mark Zuckerberg co-founded Facebook in 2004 while he was a student at Harvard University.

Q30. Which of the following rivers flows through the Satpura range?
Answer: A
The Narmada river flows through the Satpura range.

Q31. What is the chemical symbol for gold?
Answer: B
The chemical symbol 'Au' is derived from the Latin word 'Aurum', which means gold.

Q32. Who is the author of the book 'India After Gandhi'?
Answer: A
Ramachandra Guha is the author of the book 'India After Gandhi', which is a historical account of India from 1947 onwards.

Q33. Who is the current President of India?
Answer: A
Droupadi Murmu is the current President of India, having taken office in July 2022.

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Q36. What is the name of the largest planet in our solar system?
Answer: C
Jupiter is the largest planet in our solar system, both in terms of diameter and mass.

Q37. What is the largest planet in our solar system?
Answer: C
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Q41. Find the value of x if 3x + 7 = 22.
Answer: B
3x = 22 - 7 = 15. x = 15 / 3 = 5.

Q42. What is the value of x in the equation: x/4 + 2 = 9?
Answer: B
x/4 + 2 = 9 => x/4 = 7 => x = 28

Q43. A retailer purchases a smartwatch with a Manufacturer's List Price (MLP) of Rs. 2,000. He receives a 'trade discount' of 12% on the MLP. He then marks the price at 25% above his cost price. During a 'festival sale', he offers a 'cash discount' of 10% on the marked price. If the retailer declares that his 'net profit percentage' is calculated on the 'final selling price' rather than the cost price, what is his net profit percentage (rounded to the nearest integer)?
Answer: A
1. Cost Price (CP) = 2000 * (1 - 0.12) = Rs. 1760. 2. Marked Price (MP) = 1760 * 1.25 = Rs. 2200. 3. Final Selling Price (SP) = 2200 * (1 - 0.10) = Rs. 1980. 4. Profit = SP - CP = 1980 - 1760 = Rs. 220. 5. Net Profit % on SP = (220 / 1980) * 100. 6. 220 / 1980 = 22 / 198 = 1 / 9. 7. (1 / 9) * 100 = 11.11%. 8. Rounded to nearest integer = 11%.

Q44. What is the ratio of the perimeter of a rectangle to its area?
Answer: C
The ratio of the perimeter of a rectangle to its area cannot be determined without knowing the length and width of the rectangle.

Q45. What is the value of x in the equation 2x + 5 = 11?
Answer: B
To solve the equation, we need to isolate x. Subtracting 5 from both sides gives 2x = 6, then dividing both sides by 2 gives x = 3.

Q46. A shopkeeper sells a product at a 10% profit. If the cost price is Rs. 100, what is the selling price?
Answer: C
The selling price is calculated by adding the profit to the cost price. 10% of Rs. 100 is Rs. 10, so the selling price is Rs. 100 + Rs. 10 = Rs. 110.

Q47. A shopkeeper sells a product at a 10% profit. If the cost price is Rs. 100, what is the selling price?
Answer: C
The selling price is calculated by adding the profit to the cost price. 10% of Rs. 100 is Rs. 10, so the selling price is Rs. 100 + Rs. 10 = Rs. 110.

Q48. A train crosses a pole in 18 seconds. The train's speed is 72 km/h. If the train's length is increased by 120 meters, how long will it take to cross the pole?
Answer: A
72 km/h = 72 x 5/18 = 20 m/s. In 18 s the train covers its own length: 20 x 18 = 360 m. After adding 120 m the length is 480 m, so time = 480 / 20 = 24 seconds. The other options ignore the correct speed conversion or the added length.

Q49. What is the value of x in the equation: x/4 + 2 = 9?
Answer: B
x/4 + 2 = 9 => x/4 = 7 => x = 28

Q50. An Indian Railways employee saves for a new ticket reservation system upgrade by depositing Rs 2,000 at the end of each month into a Public Provident Fund (PPF) account. The bank announces an annual compound interest rate of 7.2% compounded annually. Assuming the standard PPF calculation where monthly deposits are treated as a lump sum deposited half-yearly for approximation in simplified exams, which is closest to the total maturity value after 2 years?
Answer: C
1. Total principal (24 months * 2000) = Rs 48,000. 2. Simplified Interest for 2 years on recurring deposits in simplified exams approximates to roughly 2.5% of the principal over the period. 3. Calculation: 48,000 + (48,000 * 0.025) = 48,000 + 1,200 = Rs 49,200. 4. Rounding to nearest option gives Rs 49,300.

Q51. In a government procurement tender for 'Project Yogi', the contractor declares that the total estimated Cost Price (CP) for a batch of uniforms was calculated as 80% of the total Selling Price (SP). If the final SP for the batch was Rs. 240,000, and the actual expenses incurred were: Materials (40% of CP), Labor (35% of CP), and Overheads (25% of CP), what is the amount spent on Overheads? **Note: The 'Materials' expense was found to be under-estimated by Rs. 5,000 in the initial draft, but the question asks for the **calculated** Overhead based on the declared percentages and the given SP.**
Answer: A
1. Calculate Total CP: SP (240,000) * 80% = Rs. 192,000. 2. Identify Overhead component: Given as 25% of CP. 3. Calculate Overhead Amount: 25% of 192,000 = (192,000 / 4) = Rs. 48,000. 4. Note: The under-estimation info is a distractor for the specific question asking for calculated overhead.

Q52. What is the value of x in the equation: 2x + 5 = 11?
Answer: B
2x + 5 = 11 => 2x = 6 => x = 3

Q53. A basket contains 50 apples. If 20% are rotten, how many good apples are left?
Answer: B
Rotten apples = 20% of 50 = 10. Good apples = 50 - 10 = 40.

Q54. A shopkeeper sells a product at a 10% profit. If the cost price is Rs. 100, what is the selling price?
Answer: C
The selling price is calculated by adding the profit to the cost price. 10% of Rs. 100 is Rs. 10, so the selling price is Rs. 100 + Rs. 10 = Rs. 110.

Q55. A suburban train covers a distance of 120 km in 2 hours at its scheduled speed. On the return journey, due to signal disruptions at exactly 5 platforms encountered, the train incurs a fixed 'delay penalty' of 4 minutes for every platform passed. If the train maintains the exact same average speed between these platforms as it did on the outbound journey, how much total time is required for the entire return trip?
Answer: C
1. Outbound average speed = 120 km / 2 hrs = 60 km/hr. 2. Return journey distance is also 120 km. 3. Ideal time for return trip at 60 km/hr = 120/60 = 2 hours (120 mins). 4. Delay penalty = 4 minutes per platform * 5 platforms = 20 minutes. 5. Total time = Ideal time + Penalty = 120 mins + 20 mins = 140 mins.

Q56. What is the value of x in the equation: 2x + 5 = 11?
Answer: B
To solve for x, we first subtract 5 from both sides of the equation: 2x = 11 - 5, which simplifies to 2x = 6. Then, we divide both sides by 2: x = 6 / 2 = 3.

Q57. A car travels 250 km in 5 hours. What is its average speed?
Answer: A
Average speed = Total distance / Total time = 250 km / 5 h = 50 km/h

Q58. What is the area of a triangle with a base of 10 cm and a height of 6 cm?
Answer: B
The area of a triangle is calculated using the formula 1/2 * base * height. Substituting the given values, we get 1/2 * 10 * 6 = 30 sq. cm.

Q59. What is the value of x in the equation: x/4 = 9?
Answer: A
To solve for x, we multiply both sides of the equation by 4: x = 9 * 4 = 36.

Q60. A car travels 250 km in 5 hours. What is its average speed?
Answer: B
Average speed is calculated by dividing total distance by total time, so average speed = 250 km / 5 hours = 50 km/h.

Q61. In a newly formed administrative zone, the Governor issued an order to prevent the duplication of duties among officials who are already working in the same department. This act of assigning two or more responsibilities to a single official is known as: A) Embezzlement B) Pluralism C) Congruence D) Accumulation
Answer: B
The question describes the assignment of multiple roles to one person. In a bureaucratic context, holding or performing more than one public office is termed 'Pluralism' (or Plurality of offices), leading to redundancy. Embezzlement is theft; Congruence means agreement; Accumulation is gathering but lacks the specific administrative connotation of overlapping duties.

Q62. Identify the sentence that is most appropriate for a formal letter of appointment from a government department: 'A. You are hereby appointed as a Junior Assistant, effective from 1st July 2024. B. They have made you the Junior Assistant starting July 1st. C. Get ready to work as a Junior Assistant from tomorrow. D. You are chosen for the job of Junior Assistant.
Answer: A
1. Option A uses the standard legal phrase 'hereby appointed' and 'effective from', which is the mandatory register for official government correspondence in India. 2. Option B uses 'made you' (colloquial) and lacks the precise date format ('July 1st' vs '1st July'). 3. Option C uses imperative 'Get ready' (inappropriate for an appointment letter). 4. Option D uses 'chosen' (informal) and vague phrasing. 5. Only Option A adheres to the passive/formal voice required by SSC, IBPS, and SBI guidelines for administrative writing.

Q63. What is the meaning of the word 'Ennui'?
Answer: A
The word 'Ennui' refers to a feeling of listlessness and boredom, which is a state of mind characterized by a lack of interest and excitement.

Q64. Which of the following sentences is in the passive voice?
Answer: B
The sentence 'The man is bitten by the dog' is in the passive voice, where the subject 'man' receives the action of the verb 'bites'.

Q65. Identify the error in the sentence: 'The company have announced a new policy.'
Answer: A
The subject-verb agreement is incorrect because 'company' is a singular noun and should be paired with the singular verb 'has'.

Q66. Which of the following words is the correct synonym for 'Enormous'?
Answer: A
The word 'Huge' is a synonym for 'Enormous' because both words describe something of a very large size.

Q67. Which of the following sentences is in the passive voice?
Answer: B
The sentence 'The man is bitten by the dog' is in the passive voice, where the subject 'man' receives the action of the verb 'bites'.

Q68. Select the most appropriate preposition to complete the sentence while maintaining a formal, bureaucratic register often used in official Indian government circulars regarding policy implementation. "The Ministry issued a directive _____ all regional offices to align their operational timelines with the central committee's new fiscal framework."
Answer: C
In formal English, specifically bureaucratic registers, directives, orders, and notices are issued 'to' the intended recipients or entities. 'Towards' implies direction but not necessarily direct address; 'for' implies benefit rather than receipt of instruction; 'about' is colloquial. Therefore, 'to' is the grammatically and stylistically correct choice.

Q69. In the latest bureaucratic memo, the Director accused the department of 'walking on eggshells'. However, upon reviewing the attached data showing a 150% increase in reckless spending, the oversight committee concluded that the department was actually: [Options]. The word that best fills the blank while inverting the intended meaning from the idiom is: A) Cautious B) Indifferent C) Immeasurable D) Reckless
Answer: D
1. The idiom 'walking on eggshells' implies extreme caution. 2. The data shows reckless behavior (high spending). 3. The

question asks for the word that inverts the caution implied by the idiom to match the data. 4. 'Reckless' is the antonym of cautious, fitting the data and the semantic inversion mechanism.

Q70. Which of the following sentences is in the correct grammatical form?

Answer: B

The correct sentence is 'My friend and I go to the store' because the subject-verb agreement is correct, and 'I' is used as the subject, not 'me'.

Q71. Select the word that best completes the sentence: 'If the monsoon onset had been delayed by three weeks, the resulting drought would have triggered a scenario described as a _____,' where the blank requires a term for a situation of sudden, overwhelming scarcity caused specifically by a lack of rain during the critical agricultural window.'

Answer: B

1. Analyze the cause: delayed monsoon leads to crop failure due to water shortage. 2. Define 'Calamity': a broad term for disaster, not specific to food shortage. 3. Define 'Famine': a severe scarcity of food causing widespread hunger/starvation. 4. Define 'Scarcity': lack of enough supply; while accurate for goods, it lacks the severity implied by the context of a national crisis affecting populations. 5. Define 'Misery': a state of suffering, too abstract and emotional for an economic/agricultural definition. 6. Apply logic: The specific technical term for drought-induced food shortage leading to starvation is 'Famine'. 7. Therefore, 'Famine' is the precise one-word substitution.

Q72. In a recent press briefing regarding the rising cost of living, the Minister stated that 'inflation hedging' schemes must be restructured to account for 'administrative bloat,' which acts as a hidden tax. The term referring to this specific administrative waste or excess is:

Answer: A

1. Identify the context: Rising costs due to administrative inefficiency. 2. Define 'administrative bloat': Excessive red tape, unnecessary rules, and delay causing waste. 3. Evaluate options: Freneticism is speed/panic; Bureaucracy is the system itself; Nepotism is favoritism. 4. Select correct term: Red Tapeism specifically denotes the excessive bureaucratic formalism described.

Q73. Which one-word substitution correctly completes the sentence: 'The _____ is an official responsible for collecting revenue and managing finances in a local government office.'?

Answer: C

Step 1: Identify the key function defined: collecting revenue and managing finances locally. Step 2: Analyze option A (Registrar): Handles records/registration, not finances. Step 3: Analyze option B (Treasurer): Manages funds but is a title rarely used for general local revenue collection in this specific context compared to 'Collector'. Step 4: Analyze option C (Collector): In the Indian administrative system, a Collector is specifically the district-level head responsible for revenue administration and law & order. Step 5: Analyze option D (Clerk): General office staff, not the specific official role. Step 6: Conclude that 'Collector' fits the definition of managing local finances/revenue best in the Indian context.

Q74. Select the most appropriate word to complete the sentence with logical consistency: 'The Central Board of Direct Taxes (CBDT) announced a _____ on the new e-filing format, citing "technical complexities" and "resource constraints," yet simultaneously dispatched 500 inspectors to verify returns filed under the old system. This decision creates a(n) _____ for compliant taxpayers who fear their data is already flagged.' Options: A) moratorium, paradox B) respite, dichotomy C) reprieve, anomaly D) mandate, contradiction

Answer: A

1. 'Moratorium' means a temporary suspension of action (fitting the delay due to 'technical complexities'). 2. 'Paradox' fits the context: suspending a new efficient system while enforcing the old one creates a logical contradiction (a paradox) regarding fairness. 3. Other options fail: 'Reprieve' implies punishment for crime; 'Mandate' contradicts the idea of delay. 'Dichotomy' and 'Anomaly' do not capture the inherent logical contradiction as sharply as 'paradox'.

Q75. In a recent public sector audit, the department's 'Performance Review Matrix' was found to be _____ that it could not account for the 15% reduction in operational efficiency.

Answer: B

The phrase 'such that' is required here because the blank precedes a clause starting with a verb ('could') and introduces a consequence or result. 'So' is followed by an adjective/adverb, while 'as' implies comparison which doesn't fit the causal context of the audit finding.

Q76. Select the option that correctly completes the sentence: 'After years of meticulous preparation and a promising career start, his sudden decision to quit mid-project left him _____ in a financial mess.'

Answer: B

1. The phrase 'financial mess' implies a lack of funds. 2. 'Stuck with the bill' means having to pay for something or bear the cost alone. 3. Context: He prepared, started well, but quitting (the halt) caused him to face the costs he couldn't avoid. 4. 'Stuck in a rut' implies boredom/lack of progress, which contradicts the sudden financial crisis described. 5. The other options do not fit the context of being unable to pay debts due to a specific action.

Q77. The RBI Governor announced that the newly issued sovereign bonds offer '_____,' a financial instrument specifically designed to protect investors' principal value against rising consumer price indices.

Answer: B

1. The context mentions protecting 'principal value' against 'rising consumer price indices'. 2. This describes a financial instrument where the principal or interest rate adjusts based on inflation. 3. Option A (Deflationary) contradicts the condition of rising prices. 4. Option C (Zero-Coupon) refers to purchase price vs face value, not inflation adjustment. 5. Option D (Treasury Bills) are short-term debt, not necessarily indexed. 6. Option B ('Inflation-Indexed Bonds') is the precise term for bonds linked to CPI. 7. Thus, it is the only correct substitution for the definition provided. 8. The answer is 'Inflation-Indexed Bonds'.

Q78. In the context of the recent 'Digital India' initiative, a government report stated that '_____' in rural governance involves moving from reactive aid to proactive planning. Which word best fits the blank? A) Reactionism B) Proactivity C) Indifference D) Conservatism

Answer: B

The sentence contrasts 'reactive' (past-oriented) with 'proactive' (future-oriented). 'Proactivity' is the direct antonym of 'reactionism' and fits the positive context of modern governance. Options A, C, and D contradict the initiative's goals.

Q79. The Prime Minister's speech on the National Infrastructure Project concluded exactly as the first train departed from New Delhi, _____ that the new high-speed line would reduce travel time by 40% within two years. A) stating B) had it stated C) it was stated D) which was stated

Answer: A

The sentence structure requires a present participle ('stating') to create an adverbial clause of time/reason simultaneous with the main action (speech concluding). Options B, C, and D introduce grammatical errors or awkward passive constructions that do not fit the active narrative flow.

Q80. In the bustling Mumbai tea stall, amidst the chaotic noise of commuters and hawkers, old Manohar sat quietly. He observed the frantic crowd but remained utterly _____ to the loud arguments breaking out on his left.

Answer: D

The idiom 'oblivious' means unaware or unconscious of something, which fits perfectly for someone ignoring a situation without any physical inability (like being deaf or blind). 'Deaf' and 'blind' are literal; 'immune' is usually used for diseases or emotional reactions.