

Date: 26 Jul 2025 (Shift-2)

PART-A (General Intelligence)

Q1. Prism is to Light as Filter is to _____

A. Air B. Dust C. Impurity D. Sound

Wrong Question Marked by SSC

Q2. Algorithm is to Computation as Recipe is to _____

A. Ingredients B. Food C. Cooking D. Process

Correct Ans: C

Q3. Mutation is to Evolution as Revolution is to _____

A. Innovation B. Reformation C. Transformation D. Progress

Correct Ans: C

Q4. What comes next in the series - 3 : 10 :: 5 : ?

A. 20 B. 24 C. 26 D. 30

Correct Ans: C

Q5. Instruction: Follow the same pattern of letter progression for the second analogy. FLOW : GNQX :: RAIN : ?

A. SCKO B. SCJP C. SBJM D. SBIP

Correct Ans: A

Q6. Direction: In each of the following questions, four words have been given, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

A. Blockchain B. Database C. Encryption D. Ecosystem

Correct Ans: D

Q7. Direction: In each of the following questions, four words have been given, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

A. Equilibrium B. Feedback C. Homeostasis D. Inference

Correct Ans: D

Q8. Identify the odd one: 6, 10, 14, 21

A. 6 B. 10 C. 14 D. 21

Correct Ans: D

Q9. Complete the pattern: Stimulus, Response, Reinforcement, _____

A. Extinction B. Repetition C. Learning D. Motivation

Correct Ans: C

Q10. Select the next term: Perception, Comprehension, Judgement, _____

A. Criticism B. Evaluation C. Decision D. Intuition

Correct Ans: B

Q11. Identify the next number: 97, 89, 83, 79, ?

A. 71 B. 77 C. 67 D. 65

Correct Ans: B

Q12. Complete: 17, 34, 20, 40, 23, ?

A. 46 B. 48 C. 45 D. 50

Correct Ans: A

Q13. Complete the sequence: Z, X, V, T, ?

A. R B. S C. Q D. P

Correct Ans: A

Q14. Your teammate is angry and starts blaming you unfairly. What is the emotionally intelligent way to respond?

A. Yell back B. Walk away immediately C. Listen calmly and clarify facts D. Blame them back

Correct Ans: C

Q15. Your friend is excited about a project but their idea seems flawed. What should you do?

A. Laugh at them B. Criticize in public C. Give private, respectful feedback

Correct Ans: C

D. Change the topic

Q16. Which argument is flawed in logic?

A. Students who study succeed B. All rich people are corrupt C. Teachers shape the nation

Correct Ans: B

D. Practice improves performance

Q17. Which of the following **cannot** be formed using letters from the word **DECISION**?

A. CONSIDER B. NICE C. ICON D. SIDE

Correct Ans: A

Q18. If **BANK** is written as **CZOL**, how is **CASH** written?

A. DZTI B. DBTI C. DCTL D. DBTJ

Correct Ans: A

Q19. If $4 @ 2 = 6$ and $5 @ 3 = 8$, what is $6 @ 4$?

A. 9 B. 10 C. 8 D. 11

Correct Ans: B

Q20. If $12 \$ 4 = 3$, and $9 \$ 3 = 3$, what is $15 \$ 5$?

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

Correct Ans: B

Q21. If $6 * 2 = 12$ and $3 * 4 = 12$, what is $5 * 3$?

A. 8 B. 15 C. 10 D. 12

Correct Ans: B

Q22. If

$A \# B = A^2 + B$,
 $A @ B = A - B$,
 $A * B = A + 2B$,
then what is the value of:
 $5 \# 3 @ 2 * 4$?

A. 21 B. 19 C. 25 D. 34

Correct Ans: D

Q23. If $1 = 1$, $2 = 4$, $3 = 9$, then $4 = ?$

A. 12 B. 14 C. 16 D. 18

Correct Ans: C

Q24. In a certain code language, the word HIDE is written as 85124.

Using the same pattern, how is the word DICE written?

A. 43152 B. 34152 C. 85142 D. 1542

Wrong Question Marked by SSC

Q25. **Statement:** Newspapers are losing popularity due to digital media.

Which of the following, if true, most strengthens this claim?

A. Most people under 30 prefer watching news summaries on social media platforms.

B. A major newspaper reported a 40% decline in print subscriptions over the past five years.

C. Radio is making a comeback D. TV viewership is stable

Correct Ans: A

PART-B (General Awareness)

Q26. Which branch of geology focuses on the study of fossils and ancient life forms?

A. Petrology B. Mineralogy C. Palaeontology D. Geochronology

Correct Ans: C

Q27. What is the function of the lysosomes in animal cells?

- A. Transport proteins within the cell
- B. Break down waste materials and cellular debris
- C. Produce ATP through cellular respiration
- D. Synthesize lipids

Correct Ans: B

Q28. Who inaugurated and addressed the 85th All India Presiding Officers' Conference in Patna, Bihar, on 20 January 2025 as Speaker of the Lok Sabha?

- A. Venkaiah Naidu
- B. Jagdeep Dhankhar
- C. Om Birla
- D. Harivansh Singh

Correct Ans: C

Q29. Which ministry is responsible for implementing DISHA?

- A. Ministry of Education
- B. Ministry of Electronics and Information Technology (MeitY)
- C. Ministry of Rural Development
- D. Ministry of Skill Development

Correct Ans: B

Q30. What is the primary focus of BIMSTEC?

- A. Military cooperation
- B. Economic and technical cooperation
- C. Space exploration
- D. Cultural exchange

Correct Ans: B

Q31. What is one of the key sectors focused on by the BRICS Business Council?

- A. Tourism
- B. Infrastructure
- C. Fashion
- D. Entertainment

Correct Ans: B

Q32. Which modes of transport are included in the TEN-T(Trans-European Transport Network) network?

- A. Roads and railways only
- B. Roads, railways, airports, and waterways
- C. Railways and airports only
- D. Waterways and pipelines only

Correct Ans: B

Q33. Which of the following is NOT typically considered a factor in the Happiness Index?

- A. Economic status
- B. Social support
- C. Sports performance
- D. Environmental conditions

Correct Ans: C

Q34. Which ministry is responsible for implementing DISHA?

- A. Ministry of Education
- B. Ministry of Electronics and Information Technology (MeitY)
- C. Ministry of Rural Development
- D. Ministry of Skill Development

Correct Ans: B

Q35. Which festival celebrates the birth of Lord Krishna?

- A. Janmashtami
- B. Ganesh Chaturthi
- C. Ram Navami
- D. Navratri

Correct Ans: A

Q36. Who authored the popular book Wings of Fire, an autobiography?

- A. Dr. Manmohan Singh
- B. Dr. A.P.J. Abdul Kalam
- C. Jawaharlal Nehru
- D. C.V. Raman

Correct Ans: B

Q37. The famous Sanchi Stupa is associated with which ancient architectural tradition?

A. Hindu B. Jain C. Buddhist D. Mughal

Correct Ans: C

Q38. What happens to the kinetic energy of a moving object if its velocity is tripled?

A. It becomes 6 times B. It becomes 9 times C. It becomes 3 times D. It becomes 12 times

Correct Ans: B

Q39. Under which organization does the Trade and Development Board operate?

A. World Trade Organization (WTO)
B. United Nations Conference on Trade and Development (UNCTAD)
C. International Monetary Fund (IMF) D. World Bank

Correct Ans: B

Q40. How does the Central Bank do debt monetization?

A. The central bank directly finances the government by purchasing its debt
B. The central bank increases interest rates to control inflation
C. The government borrows money from foreign countries
D. The central bank reduces the money supply in the economy

Correct Ans: A

Q41. What is the term for the economic measure that tracks changes in the price level of a basket of goods and services?

A. Consumer Price Index (CPI) B. Gross Domestic Product (GDP) C. Gini Coefficient
D. Balance of Payments

Correct Ans: A

Q42. Which curve in microeconomics shows the relationship between price and quantity demanded?

A. Supply curve B. Demand curve C. Production curve D. Cost curve

Correct Ans: B

Q43. Which one of the following defines spatial distribution of population?

A. The movement of people from rural to urban areas
B. The pattern of how people are spread across a given area
C. The ratio of males to females in a population D. The fertility rate of a population

Correct Ans: B

Q44. Which state is the largest producer of sugarcane in India?

A. Maharashtra B. Uttar Pradesh C. Punjab D. Tamil Nadu

Correct Ans: B

Q45. Name the Lodhi ruler shifted the capital from Delhi to Agra?

A. Sikandar Lodhi B. Ibrahim Lodhi C. Bahlul Lodhi D. Daulat Khan Lodhi

Correct Ans: A

Q46. In which battle was Ibrahim Lodhi defeated by Babur?

A. Battle of Khanwa B. Battle of Panipat (1526) C. Battle of Chausa D. Battle of Ghagra

Correct Ans: B

Q47. In which section of the Indian Constitution are Fundamental Rights outlined?

A. Part I B. Part II C. Part III D. Part IV

Correct Ans: C

Q48. When there is a disagreement between Union and State laws on a matter listed in the Concurrent List, which law takes precedence?

A. State Law B. Judiciary C. President's Order D. Union Law

Correct Ans: D

Q49. In which year did India participate in the Olympics for the first time?

A. 1900 B. 1920 C. 1928 D. 1948

Correct Ans: A

Q50. Which organization in India is responsible for testing athletes for doping violations?

A. IOA B. AIFF C. NADA D. BCCI

Correct Ans: C

PART-C (Quantitative Aptitude (Basic Arithmetic Skill))

Q51. Determine the volumetric measure of a cuboidal solid with a length of 12 centimeters, a breadth of 7 centimeters, and a height of 5 centimeters.

A. 420 cm^3 B. 350 cm^3 C. 324 cm^3 D. 392 cm^3

Correct Ans: A

Q52. A rectangular parallelepiped tank has dimensions $4 \text{ m} \times 3 \text{ m} \times 2.5 \text{ m}$. If it is filled with water and the cost of water is ₹25 per 1000 liters, what is the total cost to fill the tank? ($1 \text{ m}^3 = 1000 \text{ liters}$)

A. ₹675 B. ₹700 C. ₹750 D. ₹825

Correct Ans: C

Q53. Consider a triangle XYZ where the angle at vertex Y measures 90 degrees and M is the midpoint of hypotenuse XZ. What can be said about point M?

A. M is the centroid of the triangle B. M is the incenter of the triangle

Correct Ans: C

C. M is the circumcenter of the triangle D. M lies on side YZ

Q54. A student claims that the sum of two irrational numbers is always irrational. Which of the following pair of numbers disproves this claim?

A. $\sqrt{2} + \sqrt{2}$ B. $\sqrt{5} + \sqrt{3}$ C. $\pi + \sqrt{2}$ D. $\sqrt{2} + (-\sqrt{2})$

Correct Ans: D

Q55. Two triangles are similar if their corresponding sides are proportional. This is known as the:

A. AA (Angle-Angle) Similarity B. SAS (Side-Angle-Side) Similarity
C. SSS (Side-Side-Side) Similarity D. ASA (Angle-Side-Angle) Similarity

Correct Ans: C

Q56. A circle has two chords, AB and CD, which are of equal length. subtend angles of x° and y° respectively at the center. Which of the following is true?

A. $x > y$ B. $x < y$ C. $x = y$ D. $x + y = 180^\circ$

Correct Ans: C

Q57. If $\sqrt{x^2 + 10x + 25} + \sqrt{x^2 - 6x + 9} = 10$, find the value of x.

A. 1 B. 3 C. 4 D. 5

Correct Ans: C

Q58. Which of the following is both rational and an integer?

A. $1/2$ B. 3 C. $\sqrt{2}$ D. π

Correct Ans: B

Q59. Two numbers are in ratio 4:5. If the sum is 81, find the numbers.

A. 36:45 B. 32:49 C. 40:41 D. 44:37

Correct Ans: A

Q60. A, B, C share a profit of ₹4800 in the ratio 3:4:5. If C's share is reduced by ₹400, and the remainder is equally divided between A and B, what will be A's final share?

A. ₹3200 B. ₹1400 C. ₹1500 D. ₹1700

Wrong Question Marked by SSC

Q61. A student scores an average of 70 in four subjects. What should he score in the fifth subject to have an average of 75?

A. 95 B. 85 C. 100 D. 90

Correct Ans: A

Q62. If a price is reduced by 10% and then again reduced by 20%, what is the overall percentage decrease?

A. 28% B. 30% C. 32% D. 36%

Correct Ans: A

Q63. A satellite dish is aligned so that it forms an angle x with the horizontal. It is known that $\cos x = -3/5$ and x lies in the third quadrant. What is the sine of half the elevation angle ($x/2$), assuming precision is necessary for signal locking?

A. $2/\sqrt{5}$ B. $3/\sqrt{5}$ C. $2/\sqrt{3}$ D. $-2/\sqrt{3}$

Wrong Question Marked by SSC

Q64. A contractor undertakes to do a piece of work in 60 days with 48 workers. After 30 days, only half the work is done. How many more workers are needed to complete the work in the scheduled time?

A. 12 B. 24 C. 0 D. 18

Correct Ans: C

Q65. A contractor agrees to complete a building in 120 days. He employs 75 workers. After 80 days, only half of the work is completed. To avoid a penalty and finish the remaining work on time, how many additional workers must he employ?

A. 60 B. 75 C. 90 D. 100

Correct Ans: B

Q66. A boat takes 6 hours to travel 36 km downstream and 12 hours to travel the same distance upstream. Find the speed of the boat in still water.

A. 4.5 km/h B. 8.9 km/h C. 5.9 km/h D. 12.7 km/h

Correct Ans: A

Q67. If a person walks at 5 km/h, he misses a train by 7 minutes. If he walks at 6 km/h, he reaches the station 5 minutes early. Find the distance to the station.

A. 7 km B. 4 km C. 12 km D. 6 km

Correct Ans: D

Q68. A bank offers a savings scheme where ₹10,000 invested at simple interest grows to ₹12,500 in 5 years.

A. 4% B. 5% C. 16% D. 7%

Correct Ans: B

Q69. The value of $\sin^4 \theta + \cos^4 \theta$ is equal to:

A. 1 B. $1 - 2\sin^2 \theta \cos^2 \theta$ C. $\sin^2 \theta + \cos^2 \theta$ D. $2\sin^2 \theta \cos^2 \theta$

Correct Ans: B

Q70. From a point on the ground, the angle of elevation of the top of a tower is 30° . If the distance from the point to the base of the tower is 50 meters, find the height of the tower.

A. $25\sqrt{3}$ m B. $(50\sqrt{3})/3$ m C. 50 m D. $(25\sqrt{3})/2$ m

Correct Ans: B

Q71. The angle of elevation of the top of a tower is 30° from a point on the ground. On moving 100 m closer to the base, the angle becomes 60° . Find the height of the tower.

A. 50 m B. 100 m C. $50\sqrt{3}$ m D. $100\sqrt{3}$ m

Correct Ans: C

Q72. If $(3 - \sqrt{7})/(3 + \sqrt{7}) = a + b\sqrt{7}$, then the values of a and b are respectively: A.

A. $a = 8, b = -3$ B. $a = 3, b = 8$ C. $a = 8/11, b = 3/11$ D. $a = 11/8, b = 11/3$

Correct Ans: A

Q73. Which of the following is the slope-intercept form of a linear equation?

A. $y = mx + c$ B. $x = my + c$ C. $y = c + mx^2$ D. $y = c - mx$

Correct Ans: A

Q74. If $a - b = 5$ and $a^2 + b^2 = 73$, then the value of ab is:

A. 12 B. 24 C. 36 D. 48

Correct Ans: B

Q75. If $a^2 + b^2 + c^2 = 20$ and $ab + bc + ca = 10$, then the value of $(a + b + c)^2$ is:

A. 34 B. 30 C. 40 D. 60

Correct Ans: C

Q76. He tossed the coin into the ____.

A. well B. whale C. wail D. wheel

Correct Ans: A

Q77. Select the correctly spelled legal term.

A. Affidavit B. Aphidavit C. Affedavit D. Aphidevit

Correct Ans: A

Q78. Choose the correct spelling for a term used in communication.

A. Articulate B. Artikulatt C. Articoolate D. Artikulate

Correct Ans: A

Q79. Choose the correct meaning of the idiom:

"A thorn in the flesh"

A. A close friend who offers advice B. A constant source of irritation or trouble
C. A long-forgotten mistake D. A painful injury

Correct Ans: B

Q80. Choose the correct meaning of the idiom:

'To flog a dead horse'

A. Beat an animal to carry goods B. Waste time on lost cause C. Complain loudly and cry
D. Work hard and win a prize

Correct Ans: B

Q81. Find the part of the sentence that contains an error:

Every members of the alumni group (1)/ who attended the annual meet (2)/ shared their experiences with great enthusiasm (3)/ over a formal dinner. (4)

A. Every members of the alumni group (1) B. who attended the annual meet (2)
C. shared their experiences with great enthusiasm (3) D. over a formal dinner (4)

Correct Ans: A

Q82. Find the part of the sentence that contains an error:

The principal who had retired last year (1)/ and was honoured by all faculty members (2)/ were awarded a lifetime achievement certificate by the board (3)/ on the occasion of annual convocation. (4)

A. The principal who had retired last year (1) B. and was honoured by all faculty members (2)
C. were awarded a lifetime achievement certificate by the board (3)
D. on the occasion of annual convocation (4)

Correct Ans: C

Q83. Choose the most suitable option to replace the underlined part of the sentence. If the sentence is already correct, select 'No substitution required'.

One of the most valuable paintings were stolen from the gallery last night.

A. was stolen B. have stolen C. had stolen D. No substitution required

Correct Ans: A

Q84. Change the following from active to passive:

She was driving the car when the accident occurred.

- A. The car is being driven by her when the accident occurred.
- B. The car had been driven by her when the accident occurred.
- C. The car was being driven by her when the accident occurred.
- D. She had driven the car when the accident occurred.

Correct Ans: C

Q85. Change the following from active to passive:

The editor will revise the entire draft before it is printed.

- A. The entire draft is revised by the editor.
- B. The entire draft will be revised by the editor before it is printed.
- C. The entire draft shall be revised before printing.
- D. The editor has revised the entire draft.

Correct Ans: B

Q86. Arrange the parts to form a correct sentence:

P: the guests

Q: with bouquets

R: were warmly

S: greeted

- A. SQPR
- B. PRSQ
- C. QPSR
- D. SQRP

Correct Ans: B

Q87. Convert the sentence provided below from its passive voice structure to an active voice structure:

The roads are being repaired by the municipal workers after complaints from residents.

- A. The municipal workers are repairing the roads after complaints from residents.
- B. The roads were repaired after complaints from residents.
- C. The municipal workers had repaired the roads.
- D. The roads are to be repaired by municipal workers.

Correct Ans: A

Q88. Convert the sentence provided below from its passive voice structure to an active voice structure:

A message was being typed by the assistant while the manager was speaking.

- A. The assistant was typing a message while the manager was speaking.
- B. The assistant typed a message while the manager spoke.
- C. A message was typed while the manager was speaking.
- D. The assistant types a message while the manager speaks.

Correct Ans: A

Q89. A sentence is provided in direct speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding indirect speech.

He said, "I am reading a book now."

A. He said that he is reading a book then. B. He said that he was reading a book now.

Correct Ans: C

C. He said that he was reading a book then. D. He said that he had read a book then.

Q90. A sentence is provided in direct speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding indirect speech.

Ravi said, "I may join the conference next week."

A. Ravi said that he might join the conference the following week.

B. Ravi said he may join the conference next week.

Correct Ans: A

C. Ravi said he would join the conference next week.

D. Ravi told that he might attend the conference.

Q91. A sentence is provided in indirect speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding direct speech.

She said that she was feeling better after rest.

A. She said, "I am feeling better after rest." B. She said, "I felt better after rest."

Correct Ans: A

C. She said, "she had been feeling better after rest." D. She said, "I will feel better after rest."

Q92. A sentence is provided in indirect speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding direct speech.

The officer ordered the soldiers to march forward.

A. The officer said to the soldiers, "March forward."

B. The officer asked the soldiers, "You must march now."

Correct Ans: A

C. The officer asked, "Would you march forward?" D. The officer order, "Marching forward now!"

Q93. Arrange the parts to form a correct sentence:

(1) He sowed the seeds
(2) The sprouts began to appear
(3) The farmer ploughed the field
(4) He watered the seeds sown in the field

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

Correct Ans: A

Q94. Arrange the parts to form a correct sentence:

- (1) The lights went out suddenly, plunging the room into darkness.
- (2) He quickly grabbed a flashlight from the drawer.
- (3) Tom was reading a novel in the living room.
- (4) Power was restored after ten minutes.

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

Correct Ans: B

Q95. Arrange the parts to form a correct and meaningful sentence:

- (1) The sky turned dark with thick, black clouds.
- (2) People rushed to take shelter under nearby shops and trees.
- (3) A loud clap of thunder followed by heavy rainfall startled everyone.
- (4) The wind began to blow strongly, scattering leaves and dust.

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

Correct Ans: D

Q96. Arrange the following sentences in the correct order to tell a short story:

- (1) She finally found her keys under the sofa.
- (2) Sarah searched frantically for her missing keys.
- (3) Relieved, she rushed out the door.
- (4) She was already late for her appointment.

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

Correct Ans: A

Q97. Arrange the parts to form a correct sentence:

- (1) They revised thoroughly.
- (2) The test was challenging.
- (3) Their preparation paid off.
- (4) Most of them scored well.

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

Correct Ans: A

Q98. Complete the collocation by choosing a suitable word to fill in the blank.

The workers _____ a break every 45 minutes, which is of great concern to the management.

A. have B. bring C. put D. take

Correct Ans: D

Q99. Select the correct Synonym of 'IMPECUNIOUS'.

A. Wealthy B. Generous C. Poor D. Frugal

Correct Ans: C

Q100. Choose the correct one word substitution for: "The fear of open or public spaces."

A. Agoraphobia B. Claustrophobia C. Xenophobia D. Ergophobia

Correct Ans: A