

Date: 31 Jul 2025 (Shift-1)

PART-A (General Intelligence)

Q1. $432 : 9 :: 512 : ?$

- A. 7 B. 8 C. 9 D. 10

Correct Ans: B

Q2. What comes next? 1, 4, 9, 16, _____

- A. 20 B. 25 C. 30 D. 36

Correct Ans: B

Q3. Root is to Tree as Foundation is to _____?

- A. Building B. Wall C. Roof D. House

Wrong Question Marked by SSC

Q4. If "◆" means triple the number, what is the value of $5 \blacklozenge$?

- A. 15 B. 10 C. 25 D. 20

Correct Ans: A

Q5. If "◆" means square root, what is $\blacklozenge 49$?

- A. 5 B. 6 C. 7 D. 8

Correct Ans: C

Q6. $C : G :: E : ?$

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

Correct Ans: C

Q7. D : H :: G : ?

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

Correct Ans: B

Q8. Doctor is to Hospital as Teacher is to _____?

- A. School B. Song C. Instrument D. Note

Correct Ans: A

Q9. Choose the odd one out.

- A. 16 B. 27 C. 64 D. 81

Correct Ans: B

Q10. Which word does not belong in the group?

- A. Gravitational B. Electromagnetic C. Frictional D. Strong nuclear

Correct Ans: C

Q11. Choose the number that does not fit the sequence 22, 44, 88, 176

- A. 22 B. 44 C. 350 D. 88

Wrong Question Marked by SSC

Q12. Choose the number that does not fit the sequence 2, 5, 10, 17, 25

- A. 5 B. 10 C. 17 D. 25

Correct Ans: D

Q13. What will come at the place of (?)
TAILOR : CLOTH :: POTTER : ?

- A. Metal B. Clay C. Wood D. Glass

Correct Ans: B

Q14. What will come at the place of (?)
VOLCANIC : LAVA :: GEYSER : ?

- A. Steam B. Water C. Gas D. Ash

Correct Ans: B

Q15. What comes next: 3, 8, 15, 24, 35, ?

- A. 45 B. 48 C. 49 D. 50

Correct Ans: B

Q16. Identify the missing sequence in the given series:

KMP, LNQ, MOR, ____, QOT

- A. NPS B. NOS C. NPT D. OPQ

Wrong Question Marked by SSC

Q17. What should come next in the series?

ACE, BDF, CEG, DFH, ?

- A. EGI B. EFG C. EGH D. FGI

Correct Ans: A

Q18. What comes next in the series?

2, 6, 10, 14, ___

- A. 18 B. 20 C. 24 D. 15

Correct Ans: A

Q19. If $A @ B = A + B$, then what is $9 @ 3$?

- A. 11 B. 15 C. 14 D. 12

Correct Ans: D

Q20. If $A \$ B = A + B^2$, then find the value of $6 \$ 3 = ?$

- A. 18 B. 24 C. 16 D. 15

Correct Ans: D

Q21. After arranging the given words according to dictionary order, which word will come at "First" position?

- A. Version B. Versus C. Versicolour D. Verse

Correct Ans: D

Q22. You see smoke coming from your neighbor's house. What would you do?

- A. Ignore it B. Call the fire department immediately C. Wait and see if the smoke increases

Correct Ans: B

- D. Knock on the door to check

Q23. While in the exam hall, you discover that your friend is cheating. What is the most responsible action?

- A. Ignore it; it's not your business B. Confront your friend in front of the invigilator

Correct Ans: C

- C. Report the incident to the exam invigilator or authorities

- D. Help your friend cheat so you both get good grades

Q24. You're planning a weekend road trip with friends, but your car's check-engine light comes on the day before departure. You've already booked a non-refundable campsite. What should you do?

- A. Drive the car anyway and hope it holds up for the trip. B. Cancel the trip and lose the campsite fee.

- C. Take the car to a mechanic today and rent a car if it can't be fixed in time.

- D. Ask a friend to drive their car instead and split the costs.

Wrong Question Marked by SSC

Q25. X is the sister of Y. Z is the mother of Y. W is the father of Z. How is X related to W?

- A. Daughter B. Granddaughter C. Sister D. Mother

Wrong Question Marked by SSC

PART-B (General Awareness)

Q26. Who was appointed as India's 50th Chief Justice in 2022?

- A. Justice D.Y. Chandrachud B. Justice U.U. Lalit C. Justice N.V. Ramana
D. Justice R. Banumathi

Correct Ans: A

Q27. Which provision of the Bharatiya Nyaya Sanhita focuses on crimes against women and children?

- A. Chapter III B. Chapter V C. Chapter VII D. Chapter IX

Correct Ans: B

Q28. Fill in the blank:

The PM SVANidhi scheme provides micro-credit facilities to _____.

- A. Street vendors B. Small farmers C. Rural artisans D. Fisherman

Correct Ans: A

Q29. What is the primary objective of India's Aditya-L1 mission?

- A. Study Earth's atmosphere B. Explore Moon's surface C. Observe solar activity
D. Map Mars' surface

Correct Ans: C

Q30. Which Indian organization developed the world's first DNA vaccine for COVID-19, known as ZyCoV-D?

- A. ICMR B. Bharat Biotech C. Zydus Cadila D. DRDO

Correct Ans: C

Q31. Why is hydrogen considered a clean fuel compared to conventional fossil fuels?

- A. It burns without producing any energy loss
B. It is easily available in pure form from the atmosphere
C. Its combustion produces only water vapour and no greenhouse gases
D. It has a lower ignition temperature than other fuels

Correct Ans: C

Q32. What is the term used when government spending exceeds its revenue?

- A. Surplus B. Deficit C. Investment D. Expenditure

Correct Ans: B

Q33. Fill in the blank:

The AQI category for '_____' ranges from 0 to 50.

- A. Satisfactory B. Moderate C. Good D. Poor

Correct Ans: C

Q34. Where does the Brahmaputra River originate, and what is it called in Tibet?

- A. The river originates in the Eastern Ghats, known as the Narmada in Tibet.
- B. The river originates in the Himalayas, known as the Yarlung Tsangpo in Tibet.
- C. The river originates in the Aravalli Range, known as the Sindhu in Tibet.
- D. The river originates in the Western Ghats, known as the Ganga in Tibet.

Correct Ans: B

Q35. Which is the most populous state in India according to the Census 2011?

- A. Maharashtra
- B. Bihar
- C. Uttar Pradesh
- D. West Bengal

Correct Ans: C

Q36. According to the Census of 2011, which age group has the highest population percentage in India?

- A. 0-14 years
- B. 15-59 years
- C. 60+ years
- D. 80+ years

Correct Ans: B

Q37. Fill in the blank:

The _____ ended the monopoly of the East India Company in trade with India.

- A. Charter Act of 1813
- B. Regulating Act of 1773
- C. Indian Councils Act of 1861
- D. Government of India Act of 1935

Correct Ans: A

Q38. The **Government of India Act 1935** proposed which major reform?

- A. Abolition of the Zamindari system
- B. Establishment of federal government
- C. Introduction of separate electorates
- D. Full independence for India

Correct Ans: B

Q39. Which of the following statements about the All India Services (AIS) is correct?

- A. All India Services officers can be transferred between states without the consent of the state governments.
- B. The officers are recruited and controlled by the State Governments only.
- C. The officers serve the Union Government exclusively.
- D. The ultimate control lies with the Union Government.

Correct Ans: A

Q40. Raga Miya Malhar is known for its association with which renowned musician?

- A. Tansen
- B. Swargadeo Rudra Singha
- C. Ravi Shankar
- D. Amir Khusro

Correct Ans: A

Q41. Who is the author of the famous Indian collection of fables, Panchatantra?

- A. Vishnu Sharma
- B. Bhasa
- C. Kalidasa
- D. Dandin

Correct Ans: A

Q42. Who is the author of the Booker Prize-winning novel "Midnight's Children"?

- A. Vikram Seth B. Salman Rushdie C. Jhumpa Lahiri D. Amitav Ghosh

Correct Ans: B

Q43. The Mathura School of Art is known for its depiction of?

- A. Elegant human figures B. Animals and nature C. Decorative floral motifs

Correct Ans: A

- D. Fierce expressions and dynamic postures

Q44. In which year did the first IPL (Indian Premier League) cricket tournament take place?

- A. 2005 B. 2007 C. 2008 D. 2010

Correct Ans: C

Q45. How many Olympic gold medals has the Indian men's hockey team won?

- A. 6 B. 8 C. 10 D. 12

Correct Ans: B

Q46. What is the main purpose of BRICS?

- A. Military Alliance B. Economic Cooperation C. Space Exploration D. Maritime security

Correct Ans: B

Q47. Chabahar Port is located in which country?

- A. Pakistan B. Iran C. UAE D. India

Correct Ans: B

Q48. What type of radiation is responsible for ionizing atmospheric gases in the Earth's ionosphere?

- A. Cosmic Radiation B. Solar Radiation C. Ultraviolet Radiation D. Gamma Radiation

Correct Ans: B

Q49. The Kailasa Temple at Ellora was built by which ruler?

- A. Ashoka B. Krishna I C. Rajaraja Chola D. Chandragupta II

Correct Ans: B

Q50. Which mission aims to develop climate-resilient cities in India?

- A. Swachh Bharat Abhiyan B. AMRUT Mission C. National Solar Mission

Correct Ans: D

- D. National Mission on Sustainable Habitat

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

Q51. The temperature in a city at 6:00 AM was -4°C . During the day, the temperature rose steadily by a certain number of degrees. By 3:00 PM, the temperature reached $+9^{\circ}\text{C}$. What was the total rise in temperature during that time?

- A. 13°C B. 5°C C. 9°C D. 15°C

Correct Ans: A

Q52. From a cuboid of dimension 10 cm x 5 cm x 2.5 cm, small cubes of edge 2.5 cm are cut. How many small cubes are formed from the cuboid?

- A. 5 B. 8 C. 4 D. 7

Correct Ans: B

Q53. The total surface area of a hemisphere is $4,158 m^2$. If the radius of the hemisphere becomes one-third of itself, then what will be the new curved surface area of the hemisphere? (Use $\pi = 22/7$)

- A. $308 m^2$ B. $462 m^2$ C. $342 m^2$ D. $224 m^2$

Correct Ans: A

Q54. What type of number is the sum of $\sqrt{2}$ and $(3 - \sqrt{2})$?

- A. an irrational number B. a rational number C. neither rational nor irrational

Correct Ans: B

- D. cannot be determined

Q55. Find the square root of 0.00324.

- A. .18 B. .17 C. .016 D. .018

Wrong Question Marked by SSC

Q56. What is the reciprocal of $2/3$?

- A. $3/2$ B. $2/3$ C. $1/2$ D. $5/2$

Correct Ans: A

Q57. The average of three numbers A, B, and C is 48. The average of A and B is 45. The average of B and C is 49. What is the value of B?

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

Correct Ans: B

Q58. In an election, Candidate A received 45% of the total votes, and Candidate B received 30% of the total votes.

If the remaining 15000 votes were invalid, find the total number of votes polled.

- A. 50000 B. 60000 C. 40000 D. 75000

Correct Ans: B

Q59. Which of the following decimals has the longest repeating cycle?

- A. $1/6$ B. $1/7$ C. $1/9$ D. $1/11$

Correct Ans: B

Q60. The average age of 5 members of a family is 20 years. If a new member joins the family, the average age becomes 18 years. What is the age of the new member?

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

Correct Ans: C

Q61. A solution contains 30% of substance S and 70% of substance T by weight. If the solution has a total mass of 1200 grams, and 300 grams of substance S are added to it, what is the new percentage concentration of substance S in the solution?

- A. 40% B. 44% C. 33% D. 45%

Correct Ans: B

Q62. A retailer bought a dozen shirts for ₹3600. He sold each shirt at ₹350. What is his total profit or loss percentage?

- A. 15% profit B. 16.67% profit C. 10% loss D. 12% profit

Correct Ans: B

Q63. A T-shirt is on sale for 15% off its original price of Rs 60. How much will you pay for the T-shirt?

- A. 78 B. 68 C. 60 D. 51

Correct Ans: D

Q64. A vendor bought 100 oranges at ₹8 each. He sold 80 of them at ₹10 each and the remaining 20 oranges at ₹6 each. What is his overall profit or loss percentage?

- A. 12.5% profit B. 10% profit C. 10% loss D. 15% profit

Correct Ans: D

Q65. A TV set marked at ₹18,000 is sold for ₹15,300. Find the discount percentage.

- A. 10% B. 12.5% C. 15% D. 17%

Correct Ans: C

Q66. A is twice as efficient as B. Together, they can complete a task in 12 days. How many days will A alone take to complete the task?

- A. 16 days B. 18 days C. 24 days D. 20 days

Correct Ans: B

Q67. A alone can do a work in 30 days, B alone in 40 days. They start together, but A leaves 5 days before the completion.

Total work is completed in 18 days. In how many days did A work?

- A. 13 days B. 14 days C. 15 days D. 16.5 days

Wrong Question Marked by SSC

Q68. If 15, 25, x are in proportion. Find the value of x.

- A. 120/3 B. 125/3 C. 145/3 D. 120/4

Correct Ans: B

Q69. A train 240 meters long passes a pole in 24 seconds. How long will it take to pass a platform 360 meters long?

- A. 36 seconds B. 40 seconds C. 48 seconds D. 60 seconds

Correct Ans: D

Q70. Ravi lent ₹12,000 to his friend at a simple interest rate of 8% per annum. After how many years will the total amount become ₹16,800?

- A. 4 years B. 5 years C. 6 years D. 8 years

Correct Ans: B

Q71. The radius of a circular track is 70 meters. If a cyclist completes 5 rounds, what distance does the cyclist cover?

- A. 440 m B. 880 m C. 2200 m D. 4400 m

Correct Ans: C

Q72. On a certain assembly line the rejection rate for hyundai i10's production was 4 percent for hyundai i20's production 8 percent and the two cars combined 7 percent. What was the ratio of hyundai i20's production to hyundai i10's production?

- A. 5:6 B. 2:3 C. 6:2 D. 3:1

Correct Ans: D

Q73. Two trains are moving in opposite directions at 60 km/h and 90 km/h. Their lengths are 1.2 km and 0.8 km respectively. In how much time will they cross each other?

- A. 40 seconds B. 50 seconds C. 60 seconds D. 72 seconds

Wrong Question Marked by SSC

Q74. If the volume of a cone is $48\pi \text{ cm}^3$ and the height is 10 cm. Find the radius of its base in nearest one decimal place.

- A. 2.8 cm B. 3.8 cm C. 4.8 cm D. 1.8 cm

Correct Ans: B

Q75. In a triangle, if one exterior angle is 120° , and the opposite interior angle is 40° , what is the other interior angle adjacent to it?

- A. 40° B. 60° C. 80° D. 100°

Correct Ans: C

PART-D (English Language (Basic Knowledge))

Q76. Identify the synonym of 'Blatant':

- A. Subtle B. Obvious C. Discreet D. Hidden

Correct Ans: B

Q77. Identify the synonym of 'Recalcitrant':

- A. Compliant B. Rebellious C. Submissive D. Docile

Correct Ans: B

Q78. Identify the antonym of "Epitome":

- A. Example B. Summary C. Essence D. Increment

Correct Ans: D

Q79. Identify the antonym of "Malice":

- A. Cruelty B. Hatred C. Kindness D. Spite

Correct Ans: C

Q80. Fill in the blank with most appropriate tense:

By next month, she ___ in this company for five years.

- A. work B. worked C. will have work D. will have been worked

Correct Ans: D

Q81. Fill in the blank with most appropriate collocation:

She ___ the table before dinner.

- A. prepared B. made C. set D. arranged

Correct Ans: C

Q82. Pick the correctly spelled word:

- A. Dumbbell B. Dumbell C. Dumbel D. Dumdbell

Correct Ans: A

Q83. Which word is spelled correctly?

- A. Noticeable B. Noticable C. Noticeble D. Noticible

Correct Ans: A

Q84. Choose the correct one-word substitution for:
"Dissection of a dead body to find the cause of death."

- A. Autopsy B. Biopsy C. Surgery D. Anatomy

Correct Ans: A

Q85. Choose the correct one-word substitution for:
"A person who cannot make a mistake."

- A. Infallible B. Invincible C. Irresistible D. Incredible

Correct Ans: A

Q86. Choose the correct meaning of the idiom:
"To make bricks without straw."

- A. To waste time doing easy work B. To build something using traditional methods

Correct Ans: C

- C. To attempt something without the necessary resources D. To work in a construction-related job

Q87. Choose the correct meaning of the given idiom/phrase from the options:
"In the same boat"

- A. Facing the same situation B. Being very wealthy C. Traveling together D. Owning a boat

Correct Ans: A

Q88. Find the part of the sentence that contains an error:

By the time we reached (1) / the stadium, the match (2) / already starts. (3) / We were disappointed(4).

- A. By the time we reached (1) B. the stadium, the match (2) C. already starts. (3)

Correct Ans: C

- D. We were disappointed. (4)

Q89. Find the part of the sentence that contains an error:

Please look (1) / after the matter (2) / and let me (3) / know what you find (4).

- A. Please look (1) B. after the matter (2) C. and let me (3) D. know what you find. (4)

Correct Ans: B

Q90. Arrange the passage correctly:

- (1) He then logged out of his user account in order to have privacy and security.
- (2) He copied all his working files to the desktop so that he would not lose any work.
- (3) In conclusion, he powered down the system by closing the power menu on the screen.
- (4) He carefully closed down each running program and application one by one.

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

Correct Ans: A

Q91. Arrange the passage correctly:

- (1) She boarded the bus heading to downtown.
- (2) She found a window seat and settled in.
- (3) She bought a ticket from the bus stop.
- (4) She got off at her desired stop and walked to the café.

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

Correct Ans: B

Q92. Choose the option that will replace the error highlighted in bold.

The researchers conducted a study to **do** light on the effects of climate change on coral reefs.

- A. Throw B. Make C. Bring D. Shed

Correct Ans: D

Q93. Choose the option that will replace the error highlighted in bold.

She didn't have the required qualifications, **and** she was not selected for the role.

- A. Therefore B. Although C. However D. Thus

Correct Ans: A

Q94. Choose the option that will replace the error highlighted in bold.

He tried to **make up** the real meaning behind her silence, but failed.

- A. Make for B. Make on C. Make about D. Make out

Correct Ans: D

Q95. Which of the given options arranges the following sentences in the most logical sequence to form a meaningful paragraph?

1. Therefore, it is important to conserve water.
2. Water is essential for all living beings.
3. Many regions face water shortages.
4. Rainwater harvesting is one way to save water.

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

Correct Ans: C

Q96. Which of the given options arranges the following sentences in the most logical order to form a meaningful paragraph?

1. The police investigated the matter thoroughly.
2. A robbery took place in the local bank.
3. They gathered evidence from the crime scene.
4. Eventually, the culprits were caught and arrested.

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

Correct Ans: B

Q97. Which of the given options is the most logical sequencing of the following sentences to form a meaningful paragraph?

1. Plants need sunlight, water and nutrients to grow.
2. So, we must take care of our plants by providing them with the right conditions.
3. Without these essential elements, plants would not survive.
4. Then, our plants will be healthy and produce flowers and fruits.

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

Correct Ans: D

Q98. Fill in the blank with the appropriate adverb.

That's the restaurant _____ we met for the first time.

A. in which B. at which C. where D. at where

Correct Ans: C

Q99. Identify the sentence that uses the positive degree of comparison.

A. She is the most intelligent student in the class. B. She is more intelligent than her classmates.

C. She is as intelligent as her classmates. D. She is the more intelligent student in the class.

Correct Ans: C

Q100. Choose the sentence that correctly uses the comparative degree.

A. This is the most easiest task. B. This task is more easier than the previous one.

C. This task is easier than the previous one. D. This task is the more easier than the previous one.

Correct Ans: C