PART-A (General Intelligence)

Q1. What comes next in the series - **7 : 50 :: 8 : ?**

A. 63   B. 64   C. 65   D. 66

Wrong Question Marked by SSC

Q2. What comes next in the series - 9 : 504 :: 11 : ?

A. 999   B. 990   C. 1099   D. 1281

Correct Ans: B

Q3. **Instruction:** Apply consistent positional logic to decode the second pair.**GHI : JKL :: MNO : ?**

A. PQR   B. OPQ   C. QRS   D. NOP

Correct Ans: A

Q4. **Instruction:** Apply modular logic or wrap-around shift where needed. Follow the exact letter shifts. **MATH : NZUI :: CODE : ?**

A. DPEF   B. DNEF   C. DQGF   D. DQFF

Correct Ans: B

Q5. **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. Infinity   B. Zero   C. Paradox   D. Calendar

Correct Ans: D

Q6. Which of the following **cannot** be formed using **PARTICIPATE** without repeating letters?

A. REACT   B. TAPIR   C. RACE   D. PRICIER

Correct Ans: D

Q7. From the letters of the word **CONSEQUENCES,** how many distinct **8-letter** words can be formed if the word must start and end with a vowel?

A. 210   B. 252   C. 168   D. 180

Wrong Question Marked by SSC

Q8. T is 8 m east of R. U is 6 m south of T. V is 8 m west of U. How far is V from R?

A. 6   B. 8   C. 10   D. 4

Correct Ans: A

Q9. Q is 6 m north of P. T is 10 m east of Q. R is 7 m east of P. S is 11 m west of R. How far is S from P?

A. 3   B. 4   C. 5   D. 6

Correct Ans: B

Q10. Choose the odd one out: 3, 5, 7, 11, 14, 17

A. 7   B. 11   C. 14   D. 17

Correct Ans: C

Q11. Identify the pattern and choose the correct option for the question mark
If 6 @ 3 = 21,
5 @ 2 = 12,
then 8 @ 4 = ?

A. 36   B. 40   C. 38   D. 44

Correct Ans: A

Q12. If 6 + 2 = 20, 8 + 3 = 35, then 10 + 5 = ?

A. 75   B. 65   C. 80   D. 85

Correct Ans: B

Q13. what should come at the place of question mark?
DGO : HLQ :: JMT : ?

A. NRV   B. NRX   C. NQY   D. NSX

Correct Ans: A

Q14. In the following question find out the alternative that will replace the question mark.
Doctor : Hospital :: Teacher : ?

A. School   B. Clinic   C. *Office*   D. Library

Correct Ans: A

Q15. "Electricity : Bulb" is related to "Fuel : ?"

A. Gas   B. Car   C. Fire   D. Air

Wrong Question Marked by SSC

Q16. Which of the following numbers is different from the rest?

A. 121   B. 144   C. 169   D. 172

Correct Ans: D

Q17. Which item does NOT fit the group?

A. Pencil   B. Pen   C. Eraser   D. Highlighter

Correct Ans: C

Q18. Read the following statement carefully and identify the conclusion that follows.

Statement: If it rains, the picnic will be cancelled. It did not rain.
Conclusion: The picnic was not cancelled.

A. Conclusion definitely follows   B. Conclusion definitely does not follow

C. Conclusion probably follows   D. Data is insufficient

Correct Ans: B

Q19. Which of the following words CANNOT be formed using the letters of the word "REPUTATION"?

A. PAINTER   B. NURTURE   C. RATION   D. POINTER

Wrong Question Marked by SSC

Q20. If the word "BLUE" is coded as "CMVF", then how will the word "GREEN" be coded in the same language?

A. HSFFO   B. HQFFP   C. HSFFP   D. HQFFO

Correct Ans: A

Q21. Fill in the next missing number.

2, 4, 6, 8, ?

A. 9   B. 10   C. 12   D. 14

Correct Ans: B

Q22. Which letter will come next in the series?

M, O, Q, S, ?

A. T   B. U   C. V   D. W

Correct Ans: B

Q23. Find the missing letter in the series.

B, E, H, K, ?

A. M   B. N   C. O   D. P

Correct Ans: B

Q24. If $8 \div 2 = 5$, $10 \div 2 = 6$, then $6 \div 2 = ?$

A. 4   B. 3   C. 5   D. 6

Correct Ans: A

Q25. If M * N means M is divided by N and the result is squared, then what is the value of 8 * 2?

A. 4   B. 16   C. 8   D. 2

Correct Ans: B

PART-B (General Awareness)

Q26. Which of the following statements are **correct** regarding the Bharatiya Sakshya Adhiniyam, 2023?
1. The Act applies to courts, including Courts-martial, but excludes affidavits and arbitration.
2. "Document" includes emails, server logs, and smartphone messages.
3. Confessions to police officers are admissible without restriction.
4. The Evidence Act of 1872 is repealed, but pending cases follow the old law.

A. 1, 2, and 3 only   B. 1, 2, and 4 only   C. 2, 3, and 4 only   D. 1,2, and 3 all are correct

Correct Ans: B

Q27. One of the key objectives of India's Venus Orbiter Mission (VOM) is to study the _____ and surface topography of Venus.

A. magnetic field   B. airglow and atmospheric dust   C. asteroid belt   D. Temperature

Correct Ans: B

Q28. Who is in line to become the first woman Chief Justice of the Supreme Court in India?

A. Justice Anita Sumanth   B. Justice B.V. Nagarathna   C. Justice Sangeeta Chandra

Correct Ans: B

D. Justice R. Hemalatha

Q29. Which Mandal of the Rigveda is devoted to soma drink?

A. Seventh   B. Ninth   C. Eleventh   D. Thirteenth

Correct Ans: B

Q30. Which of the following is a major objective of deficit financing by the government?

A. To reduce inflation   B. To control black money   C. To stimulate economic growth

Correct Ans: C

D. To decrease the money supply

Q31. Which of the following is NOT a reason for a fiscal deficit?

A. High government expenditure on welfare schemes   B. Reduction in tax revenue

C. Increase in public borrowing   D. Surplus in the balance of payments

Correct Ans: D

Q32. What is the role of the ribosome in a cell?

A. Energy production   B. Protein synthesis   C. Cell division   D. Transport of substances

Correct Ans: B

Q33. A stone is moving in a circular path with constant speed. Which of the following statements about its motion is correct?

A. The stone has zero acceleration because its speed is constant.

B. The direction of the stone's velocity remains unchanged.

C. The stone experiences a constant acceleration directed towards the centre of the circle

D. The motion of the stone is considered non-uniform because its speed varies.

Correct Ans: C

Q34. What was the key reason behind the 'Siricilla Tragedy' involving powerloom workers in Andhra Pradesh?

A. Migration of textile workers to urban areas   B. Lack of export opportunities for handloom products

C. Power tariff hikes and power cuts that reduced worker wages

D. Competition from Chinese textile imports

Correct Ans: C

Q35. Which of the following schemes aims to provide assured income support to small and marginal farmers?

A. Pradhan Mantri Fasal Bima Yojana   B. Paramparagat Krishi Vikas Yojana

C. Pradhan Mantri Krishi Sinchayee Yojana   D. Pradhan Mantri Kisan Samman Nidhi (PM-KISAN)

Correct Ans: D

Q36. How many members are nominated by the President of India for the Rajya Sabha?

A. 2   B. 10   C. *12*   D. 15

Correct Ans: C

Q37. Which of the following scenarios could validly lead to the impeachment of the President of India?

A. Refusing to dissolve Lok Sabha on the advice of the Cabinet

B. Declining to sign a bill passed by Parliament   C. Willfully acting against a constitutional provision.

D. Failing to address the nation on Independence Day

Correct Ans: C

Q38. What type of pollutants does the WHO Ambient Air Quality Database monitor?

A. CO_2 and ozone   B. PM_{10} and $PM_{2.5}$ C. Methane and CO   D. Lead and arsenic

Correct Ans: B

Q39. Which statement best describes Stage III of demographic transition?

A. Both birth and death rates decline   B. High infant mortality   C. Rapidly rising death rate

Correct Ans: A

D. Low but fluctuating birth rate

Q40. Which book by Anirudh Kanisetti, exploring the history of Southern India, was awarded the Yuva Puraskar?

A. India After Gandhi   B. The Anarchy   C. Lords of the Deccan   D. The Argumentative Indian   **Correct Ans: C**

Q41. Which two Middle Eastern countries are specifically mentioned as part of India's current clean energy and trade dialogues in the context of IMEC?

A. Iraq and Iran   B. Oman and Qatar   C. Saudi Arabia and UAE   D. Jordan and Bahrain   **Correct Ans: C**

Q42. What is the function of the "Speak Up!" portal launched by NADA(National Anti Doping Agency)?

A. File event participation reports   B. Report Anti-Doping Rule Violations confidentially

Correct Ans: B

C. Apply for Therapeutic Use Exemptions   D. Register athletes for Olympic qualification

Q43. "Shab-e-Barat" is referred to as the "Night of":

A. Revelation   B. Resurrection   C. Power   D. Atonement

Wrong Question Marked by SSC

Q44. Given below are the column A which have sports event and column B has Venue. Choose the correct option by matching Events and Venue

Column A- Sports Event	Column B- Venue
A. FIH Odisha Hockey Men's World Cup	i. Buddha International Circuit
B. MotoGP Bharat	ii. Bhubaneshwar and Rourkela
C. IBA Women's World Boxing Championship	iii. New Delhi
D. IOC Session	iv. Mumbai

A. a–ii, b–i, c–iii, d–iv   B. a–iii, b–ii, c–i, d–iv   C. a–iv, b–ii, c–iii, d–i   D. a–ii, b–i, c–iv, d–ii   **Correct Ans: A**

Q45. When was BIMSTEC established?

A. 1997   B. 1995   C. 2000   D. 2004   **Correct Ans: A**

Q46. Which of the following countries is NOT a member of the South Asian Association for Regional Cooperation (SAARC)?

A. Afghanistan   B. Bhutan   C. China   D. Nepal   **Correct Ans: C**

Q47. The Mughal architecture is best known for which of the following features?

A. Wooden beams   B. High domes and minarets   C. Flat roofs   D. Simple stone walls

Correct Ans: B

Q48. What type of services does NIRTAR provide?

A. Agricultural training   B. Rehabilitation services, education, and research

C. Industrial development programs   D. Financial assistance for startups

Correct Ans: B

Q49. Which is the largest container port in India?

A. Jawaharlal Nehru Port (JNPT), Maharashtra   B. Chennai Port, Tamil Nadu

C. Mundra Port, Gujarat   D. Kolkata Port, West Bengal

Correct Ans: A

Q50. The term "Jana" in the Rig Vedic period primarily referred to a:

A. Large kingdom or empire.   B. Tribe or a group of related families.   C. Village unit.

D. Professional guild.

Correct Ans: B

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

Q51. If the side length of a regular polygon is doubled, by what factor does the area increase?

A. 2 times   B. 3 times   C. 4 times   D. Remains the same

Correct Ans: C

Q52. A room has a floor in the shape of a rectangle (18 m × 10 m), with a triangular extension on one end. The triangle has a base of 10 m and height of 6 m. What is the total area of the floor?

A. 200 m²   B. 210 m²   C. 220 m²   D. 216 m²

Correct Ans: B

Q53. A quadrilateral ABCD is cyclic, $\angle A=70°$ $\angle C=110°$ and diagonals intersect at point E. What is the value of $\angle B+\angle D$?

A. 160°   B. 180°   C. 200°   D. 90°

Correct Ans: B

Q54. Which of the following statements is always true for angles subtended by a chord?

A. Angles subtended at the center and circumference are equal

B. Angle at the center is half the angle at circumference

C. Angle at center is twice the angle at circumference

D. Angles subtended in the same segment are unequal

Correct Ans: C

Q55. If $x = \sqrt{3}$ and $y = 3 - \sqrt{3}$, which of the following is true?

A. $x + y$ is irrational

B. $x + y$ is rational

C. $x - y$ is rational

D. $x - y$ is irrational

Wrong Question Marked by SSC

Q56. Consider the following two statements, labeled Assertion (A) and Reason (R). Evaluate them and choose the appropriate answer from the given options.
Assertion (A): Any whole number larger than one can be written as the result of multiplying prime numbers together.
Reason (R): The Fundamental Theorem of Arithmetic guarantees unique prime factorizations for all rational numbers.

A. Both A and R are true, and R is the correct explanation of A.

B. Both A and R are true, but R is not the correct explanation of A.

C. A is true, but R is false.

Correct Ans: C

D. A is false, but R is true

Q57. The average monthly salary of 24 workers and 1 manager is ₹5000. The manager earns ₹11000. What is the average salary of the workers?

A. ₹4400   B. ₹4500   C. ₹4600   D. ₹4750

Correct Ans: D

Q58. A shopkeeper lists a jacket for ₹2000. He offers a discount of 15% on the list price. What additional discount (on the reduced price) must he offer to bring the final price down to ₹1360?

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

Correct Ans: C

Q59. A merchant gains 20% after allowing a discount of 10% on the marked price. Find his profit percentage if no discount were allowed.

A. 56.78%   B. 53.33%   C. 33.33%   D. 54.34%

Correct Ans: C

Q60. A trader buys 150 mobile phones at ₹8,000 each. He finds 5% of the phones defective and sells them at a 50% discount (on cost price). The rest are sold at a 10% profit. What is his overall profit or loss?

A. ₹88,600   B. ₹87,600   C. ₹88,456   D. ₹81,600

Wrong Question Marked by SSC

Q61. A water tank can be filled by two inlets, labeled A and B, in 12 hours and 15 hours respectively. An outlet pipe C can empty the tank in 10 hours. If all three pipes are opened together, how much time will it take to fill the tank?

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

Correct Ans: C

Q62. If sin A=3/5, and A is acute, then cos A + tan A is :

A. 31/20   B. 29/20   C. 7/5   D. 27/20

Correct Ans: A

Q63. If sin(90∘−A) =3/5, then what is the value of tan A?

A. 5/13   B. 12/5   C. 5/12   D. 13/5

Wrong Question Marked by SSC

Q64. If sec A=cosec B and both A and B are acute angles, then the value of A+B is:

A. 30∘   B. 45∘   C. 60∘   D. 90∘

Correct Ans: D

Q65. Simplify:
$$\sqrt{12} + \sqrt{27}$$

A. $\sqrt{39}$ B. $3\sqrt{3} + 2\sqrt{3}$ C. $5\sqrt{3}$ D. $6\sqrt{2}$

Wrong Question Marked by SSC

Q66. An investor deposits ₹20,000 in a scheme offering 6% compound interest per annum. After 18 months, he adds ₹10,000 more. Find the total amount after 3 years from the initial deposit.

A. ₹33,920.00   B. ₹34,738.32   C. ₹35,100.00   D. ₹36,250.75

Correct Ans: B

Q67. A student is tracking their reading progress. On Monday, they read 0.4 of a book. On Tuesday, they read 1/3 of the remaining portion of the book. What fraction of the entire book is left unread after Tuesday?

A. 5/1   B. 4/15   C. 2/5   D. 5/7

Correct Ans: C

Q68. Looking down from the edge of a 20-meter high cliff, the angle to a boat on the water is $60°$ below the horizontal. What is the horizontal distance between the boat and the cliff's bottom?

A. $20\sqrt{3}m$ B. $(20\sqrt{3})/3m$ C. $10\sqrt{3}$ m   D. 10 m

Correct Ans: B

Q69. Which of the following numbers cannot be the square of a natural number?

A. 30976   B. 28561   C. 1057   D. 2401

Correct Ans: C

Q70. What is the smallest positive integer such that its product with 252 is a perfect square?

A. 2   B. 3   C. 4   D. 7

Correct Ans: D

Q71. In a right-angle triangle ABC, with a right angle at 'B', 'D' is the midpoint of AB and DE is a perpendicular drawn on side AC. If AB = 20 cm and BC = 15 cm, then find the area of ΔAED (incm^2).

A. $18\ cm^2$ B. $52\ cm^2$ C. $24\ cm^2$ D. $33\ cm^2$

Correct Ans: C

Q72. What percentage profit is made when the selling price of 12 pens covers the cost price of 27 pens?

A. 125%   B. 135%   C. 115%   D. 145%

Correct Ans: A

Q73. A dealer allows a discount of 25% on marked price but still gains 60%. If the cost price is Rs. 1500, what is the marked price?

A. Rs. 2,200   B. Rs. 3,400   C. Rs. 3,200   D. Rs. 3,500   Correct Ans: C

Q74. A solid sphere of radius 7 cm is melted and recast into smaller spheres of radius 1 cm. How many such small spheres will be formed?

A. 625   B. 789   C. 343   D. 1120   Correct Ans: C

Q75. The difference between two numbers is 18 & their product is 63. What is the square of their sum?

A. 476   B. 576   C. 676   D. 776   Correct Ans: B

PART-D (English Language (Basic Knowledge))

Q76. Choose the synonym of the word **'Substantial'**.

A. Fragile   B. Minor   C. Considerable   D. Weak   Correct Ans: C

Q77. The teacher asked us to draw a straight ___ across the page.

A. lying   B. line   C. lyn   D. lane   Correct Ans: B

Q78. Choose the best one-word substitute for:
   "group of ships."

A. Fleet   B. Band   C. Mob   D. Bunch   Correct Ans: A

Q79. Find the part of the sentence that contains an error:
The application forms which were downloaded from the portal (1)/ and submitted after verification (2)/ is being processed in batches (3)/ under administrative supervision. (4)

A. The application forms which were downloaded from the portal (1)

B. and submitted after verification (2)   C. is being processed in batches (3)   Correct Ans: C

D. under administrative supervision (4)

Q80. Choose the option which best completes the sentence.

When her daughter didn't come home on the last bus with the other girls, Mrs Mehta was _____, she was terrified that something dreadful had happened to her.

A. at her wits' end   B. at the last straw   C. at sixes and sevens   D. at the drop of a hat   Correct Ans: A

Q81. What does the idiom **"Barking up the wrong tree"** mean?

A. Blaming the wrong person   B. Finding the right solution   C. Avoiding confrontation

Correct Ans: A

D. Taking unnecessary risks

Q82. Choose the most suitable option to replace the underlined part of the sentence. If the sentence is already correct, select 'No substitution required'.

<u>Despite of</u> the heavy rain, they decided to continue their trek.

A. Despite for   B. In spite of   C. Because of   D. No substitution required

Correct Ans: B

Q83. Change the following from active to passive:

He posted the letter in the red mailbox near the main gate.

A. The letter had been posted in the red mailbox by him near the main gate.

B. The letter was posted in the red mailbox by him near the main gate.

C. The red mailbox was posted with the letter by him near the main gate.

Correct Ans: B

D. The letter is being posted in the red mailbox near the main gate by him.

Q84. Change the following from active to passive:

The jury had announced the final verdict after a thorough discussion.

A. The final verdict was being announced after a thorough discussion.

B. The final verdict had been announced by the jury after a thorough discussion.

C. The final verdict is announced after a thorough discussion.

Correct Ans: B

D. The final verdict was announced after a thorough discussion.

Q85. 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 have completed the project."

A. He said that he had completed the project.   B. He said that he has completed the project.

Correct Ans: A

C. He said that he completed the project.   D. He said he completes the project.

Q86. 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.

They said that they were watching a movie.

A. They said, "We are watching a movie."   B. They said, "They are watching a movie."

Correct Ans: A

C. They said, "We had watched a movie."   D. They said, "We were watching a movie."

Q87. Convert the following indirect sentence into direct speech. Choose the most accurate option.

The child exclaimed with joy that he had won the race.

A. The child said, "I have won the race!"   B. The child exclaimed, "I have won the race!"

Correct Ans: B

C. The child said, "Hurrah! I have won the race!"   D. The child shouted, "Winning the race!"

Q88. Transform the following sentence into active voice.

The dishes have been prepared with great care and perfection by the cook.

A. The cook have prepared the dishes with great care and perfection.

B. The cook has prepared the dishes with great care and perfection.

C. The cook has prepared the dishes by great care and perfection.

Correct Ans: B

D. The cook has prepared the dish with great care and perfection.

Q89. What is the active voice of the following sentence?

When was America discovered by Columbus and later it was renamed after Amerigo Vespucci?

A. When was Columbus discovered America and later they had renamed it after Amerigo Vespucci?

B. When Columbus discovers America and later who renamed it after Amerigo Vespucci?

Correct Ans: C

C. When did Columbus discover America and later they renamed it after Amerigo Vespucci?

D. When Columbus discovered America and later he were renamed after Amerigo Vespucci?

Q90. Arrange the parts to form a correct sentence:
(1) The clouds darkened suddenly.
(2) Thunder rumbled across the sky.
(3) A few drops of rain fell on the windshield.
(4) I rolled up the windows.

A. 1-2-3-4   B. 1-4-3-2   C. 2-1-3-4   D. 1-2-4-3   **Correct Ans: A**

Q91. Arrange the parts to form a correct sentence:
(1) She logged into the portal.
(2) Her connection dropped.
(3) The exam had already begun.
(4) She contacted support immediately.

A. 1-3-2-4   B. 3-2-1-4   C. 1-2-3-4   D. 1-3-4-2   **Correct Ans: A**

Q92. Fill in the blank with an appropriate article.

We have the opportunity to see _____ Great Lakes.

A. a   B. an   C. the   D. much   **Correct Ans: C**

Q93. Identify the word in this sentence that contains an error.

He jumped in the pool with his clothes on.

A. clothes   B. pool   C. jumped   D. in   **Correct Ans: D**

Q94. Choose the option that completes the sentence using the correct spelling.

There are two types of _____: viral and bacterial.

A. neumonia   B. pneumonia   C. pnumonia   D. newmonia   **Correct Ans: B**

Q95. Choose the option that completes the sentence using the correct spelling.

The _____ disappearance of my diary bothered me all day.

A. mystereous   B. mistereous   C. misterious   D. mysterious   **Correct Ans: D**

Q96. Which of the given options is the most logical sequencing of the following sentences to form a meaningful paragraph?

1. Therefore, it is important to take measures to reduce carbon emissions.

2. Global warming is a serious threat to our planet.

3. Rising temperatures cause melting glaciers and extreme weather conditions.

4. Human activities like deforestation and burning fossil fuels contribute to it.

A. 1-2-4-3   B. 4-3-2-1   C. 2-4-3-1   D. 3-2-1-4   **Correct Ans: C**

Q97. Rearrange the parts of the sentence in the correct order.

Cybersecurity measures
P. and online fraud
Q. are vital for protecting data
R. from unauthorized access
S. in the age of digital transactions

A. SRPQ   B. RSPQ   C. PSQR   D. QSRP   **Correct Ans: D**

Q98. Rearrange the parts of the sentence in the correct order.

Urbanisation
P. disrupts tradition
Q. in heritage zones
R. and spatial congestion
S. through cultural dilution

A. QRPS   B. PSRQ   C. SPQR   D. RPSQ   **Correct Ans: B**

Q99. Rearrange the parts of the sentence in the correct order.

The currency
P. in the region
Q. depreciated rapidly
R. and investor panic
S. amid fiscal turbulence

A. SQPR   B. PSQR   C. QSRP   D. RSPQ   **Correct Ans: C**

Q100. Choose the correct indirect speech form of the following sentence.

Nandini said to Minal, "What shall I give you on your birthday next year?"

A. Nandini asked Minal what she would give her on her birthday the following year.

B. Nandini asked Minal what she would give her on her birthday the previous year.

Correct Ans: A

C. Nandini asked Minal what she should give her on her birthday next year.

D. Nandini requested Minal what she should give her on her birthday the coming year.