

Date: 29 Aug 2025 (Shift-1)

PART-A (General Intelligence)

Q1. In the following question, select the related word from the given alternatives.

Basalt : Deccan Plateau :: Granite : ?

- A. Indo-Gangetic Plain B. Himalayas C. Aravalli Hills D. Peninsular Plateau

Correct Ans: C

Q2. In the following question, select the related number from the given alternatives.

3 : 10 :: 5 : ?

- A. 25 B. 20 C. 16 D. 15

Wrong Question Marked by SSC

Q3. In the following question, select the related number from the given alternatives.

34 : 21 :: 43 : ?

- A. 12 B. 24 C. 21 D. 27

Correct Ans: C

Q4. In the following question, select the related letter from the given alternatives.

BDF : YWU :: GIK : ?

- A. SQO B. TRP C. XVT D. RPN

Correct Ans: B

Q5. In the following question, select the related letter from the given alternatives.

LMOI : OHRD :: EUTX : ?

- A. HPVS B. IQWS C. IPVS D. HPWS

Correct Ans: D

Q6. Pick the different one based on Indian classical dance forms.

- A. Kathak B. Kuchipudi C. Bharatanatyam D. Kalbelia

Correct Ans: D

Q7. In the following question, select the relationship from the given alternatives.

Circuit : Electricity :: Vein : ?

- A. Blood B. Heart C. Nerve D. Oxygen

Correct Ans: A

Q8. Which of the following alternative will come at the place of question mark?

17 : 64 :: 26 : ?

- A. 64 B. 62 C. 61 D. 60

Correct Ans: A



Adda247

Test Prime

ALL EXAMS, ONE SUBSCRIPTION



1,00,000+
Mock Tests



**Personalised
Report Card**



**Unlimited
Re-Attempt**



600+
Exam Covered



25,000+ Previous
Year Papers



500%
Refund



ATTEMPT FREE MOCK NOW

Q9. Find the missing term: DMI, GNL, JOO, ?

- A. NTS B. OQR C. LPQ D. MPR

Correct Ans: D

Q10. Which of the following alternative will come at the place of question mark?
5, 8, 13, 21, 34, ?

- A. 54 B. 55 C. 56 D. 58

Correct Ans: B

Q11. From the given alternatives, select the word which cannot be formed using the letters of the word **DIAPHANOUS**. Each letter may be used only as many times as it appears in the original word.

- A. SNAP B. PUSH C. SHOAD D. DISHES

Correct Ans: D

Q12. If @ = +, & = -, # = ÷, % = ×, then **(8 % 3) # 2 & 1 @ 4 = ?**

- A. 10 B. 15 C. 9 D. 12

Correct Ans: B

Q13. If **PAPER** is coded as **61**, and **PEN** as **38**, what is the code for **PLANE**?

- A. 53 B. 60 C. 48 D. 52

Correct Ans: A

Q14. Statement: "Students who regularly engage in reading outside the syllabus tend to perform better in problem-solving."
Conclusions:

- I. Problem-solving ability is enhanced by reading beyond the syllabus.
II. Only students who read outside the syllabus excel academically.

- A. Only I follows B. Only II follows C. Both follow D. Neither follows

Correct Ans: A

Q15. Center MH (27), Room 03: Roll numbers follow format 2703XX.

Question: Which of the following does not belong to this room based on roll number pattern?

- A. 2703001 B. 2703023 C. 2703034 D. 2704015

Correct Ans: D

Q16. In UP (09), seat numbers must **not repeat** in the same room. Which set is **valid**?

- A. 901002, 901002, 901023, 901023 B. 901005, 901023, 901011, 901023
C. 901111, 901112, 901113, 901114 D. 901021, 901031, 901021, 901041

Wrong Question Marked by SSC

Q17. If A = square then add 3, B = halve then subtract 2, C = double then subtract 5, find: 4 A B C

- A. 16 B. 12 C. 15 D. 10

Wrong Question Marked by SSC



Q18. Instruction: Determine which of the following judgments can be made.

Judgments: 1. Mango may be sweet. 2. Mango is definitely sour.

Statement: Some fruits are sweet. Mango is a fruit.

- A. Only 1 B. Only 2 C. Both 1 and 2 D. Neither 1 nor 2

Correct Ans: A

Q19. If '+' means 'x', '-' means '+', 'x' means '÷', and '÷' means '-', then what is the value of: $18 + 3 - 6 \times 2 \div 5$?

- A. 60 B. 56 C. 39 D. 52

Correct Ans: D

Q20. Choose the correct equation using: $++ = \div$, $-- = +$, $\times = -$, $\div = \times$:

- A. $324 + 18 - 9 \times 3 = 30$ B. $121 - 11 \times 5 + 6 = 120$ C. $100 \div 10 + 5 - 2 = 202$

- D. $225 - 15 + 10 \times 2 = 260$

Correct Ans: C

Q21. A family consists of a grandfather, his wife, their two sons, each son's wife, and two children per son (1 boy, 1 girl). Find total male and female members.

- A. 5 males, 5 females B. 6 males, 6 females C. 5 males, 7 females D. 8 males, 4 females

Correct Ans: A

Q22. The sum of ages of a mother and her son is 50 years. In five years, the mother will be three times as old as her son will be then. What is the son's current age?

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

Correct Ans: A

Q23. The combined age of two brothers is 34 years. Their ages multiply to 288. What are their ages?

- A. 12 & 22 years B. 14 & 20 years C. 16 & 18 years D. 15 & 19 years

Correct Ans: C

Q24. Read the given statements and conclusions carefully.

Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All apples are tasty. No tasty thing is bitter.

Conclusions:

I. No apple is bitter.

II. Some tasty things are apples.

- A. Only I follows B. Only II follows C. Both I and II follows D. Neither I nor II follow

Correct Ans: C

Q25. A train 180 m long passes a point in 12 s. Its speed is?

- A. 45 km/h B. 54 km/h C. 60 km/h D. 72 km/h

Correct Ans: B

PART-B (General Awareness)

Q26. Ashoka's famous stone pillars were mainly carved from which rock?

- A. Marble B. Granite C. Sandstone D. Basalt

Correct Ans: C



Q27. Read the below statements marked as Assertion (A) and Reason (R). Mark the correct options:

Assertion (A): Post-Mauryan Buddhist stupas show regional variations in form, such as cruciform bases and pyramidal superstructures.

Reason (R): Use of diverse local materials and building techniques led to the emergence of distinct stupa styles across regions.

- 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
- D. Both A and R are false

Correct Ans: A

Q28. Consider the following statements under FIDE chess rules:

1. A pawn may be promoted to a queen upon reaching the 8th rank, even if the original queen is still on the board.
 2. Castling is allowed only if neither the king nor rook has moved, and the king doesn't pass through or into check.
- Which of the above statement is/are **Correct**?

- A. Only 1 is Correct
- B. Only 2 is Correct
- C. 1 and 2 both are Correct
- D. Neither 1 nor 2 are Correct

Correct Ans: C

Q29. Which sport did Sheetal Devi win a Paralympic medal in at the Paris 2024 Paralympics?

- A. Shooting
- B. Archery
- C. Badminton
- D. Athletics

Correct Ans: B

Q30. Consider the following statements:

- Statement 1.** Babur was of Mongol and Timurid descent and founded the Mughal Empire after defeating Ibrahim Lodi.
- Statement 2.** Babur was overthrown by Sher Shah and later succeeded by his grandson Akbar.
- Which of the statements is/are **correct**?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

Correct Ans: A

Q31. Match the Indian Paralympic athletes with their medal, event, and Games:

Athlete	Medal, Event & Games
A) Joginder Singh Bedi	1) Gold, Javelin Athens 2004
B) Devendra Jhajharia	2) Silver, Shot Put Stoke/New York 1984
C) Rajinder Singh Rahelu	3) Bronze, Powerlifting 56kg, Athens 2004
D) Bhimrao Kesarkar	4) Silver, Javelin Stoke/New York 1984

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

Correct Ans: B



Q32. Which Indian government body was appointed as the overall Project Development Consultant (PDC) for the Port and Inland Water Transport (IWT) component of the Kaladan project?

- A. India Ports Global Private Limited (IPGPL) B. Jawaharlal Nehru Port Trust
C. Inland Waterways Authority of India (IWAI) D. Ministry of Ports, Shipping and Waterways

Correct Ans: C

Q33. Examine the statements below and select the most appropriate option.

Assertion (A): India and Chile's signing of the CEPA Terms of Reference in May 2025 signified a strategic move beyond the underperforming Preferential Trade Agreement (PTA).

Reason (R): The April 2024 Joint Study Group recommended a broader CEPA to boost cooperation in digital services, critical minerals, and MSMEs.

- 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 false, but R is true
D. A is true, but R is false

Correct Ans: A

Q34. Read the following two statements carefully and choose the correct option:

Statement 1: India experienced a negative population growth rate between 1911 and 1921.

Statement 2: The influenza epidemic of 1918–19 caused widespread deaths during that period.

- A. Only 1 B. Only 2 C. Both 1 and 2 are correct D. Neither 1 nor 2 is correct

Correct Ans: C

Q35. What is the primary role of the INSAT-3DS satellite launched under the GSLV-F14 mission?

- A. To monitor India's defense satellite communication network.
B. To provide direct-to-home broadcasting services across rural India.
C. To enhance meteorological observations and aid in weather forecasting.
D. To serve as a backup for interplanetary deep-space communications.

Correct Ans: C

Q36. Which of the following industries consumes the highest share of manganese in India?

- A. Photography B. Metallurgical C. Match D. Leather

Correct Ans: B

Q37. Read the following statements marked as Assertion (A) and Reason (R). Choose the correct option:

Assertion (A): The Reusable Launch Vehicle - Technology Demonstrator (RLV-TD) program by ISRO is a cornerstone for India's future reusable space access capabilities.

Reason (R): RLV-TD missions are specifically designed to test crucial technologies like hypersonic flight, autonomous landing systems, and the structural resilience of a winged re-entry vehicle.

- 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
D. A is false, but R is true

Correct Ans: A



Q38. Read the following statements about plant hormones:

1. Auxins promote apical dominance.
2. Cytokinins promote senescence.
3. Ethylene accelerates fruit ripening.

Which of the above statements are **correct**?

- A. Only 1 and 2 are correct B. Only 1 and 3 are correct C. Only 2 and 3 are correct

Correct Ans: B

- D. 1, 2 and 3 all are correct

Q39. If the half-life of a radioactive substance is 10 days, then the time taken for 75% of the original sample to decay is:

- A. 5 days B. 10 days C. 20 days D. 30 days

Correct Ans: C

Q40. Under Bharatiya Nagarik suraksha Samhita(BNSS), every police station must maintain what digital register?

- A. Crime Index B. Crime Registry C. E-FIR log D. Daily Case Register

Correct Ans: D

Q41. Under SMAM, what percentage grant is provided to FPOs for Kisan Drone demonstrations?

- A. 40% B. 50% C. 75% D. 100%

Correct Ans: C

Q42. Fill in the Blank:

Ghoomar means _____ in Rajasthani.

- A. Jump B. Twirl C. Sing D. Celebrate

Correct Ans: B

Q43. What is the primary purpose of the 2024 Environmental Performance Index (EPI)?

- A. To evaluate GDP growth across developing nations
- B. To offer a global ranking of environmental NGOs
- C. To rank countries on environmental and climate performance
- D. To list the most polluted cities across continents

Correct Ans: C

Q44. Read the below statements marked as Assertion (A) and Reason (R). Mark the **correct** options:

Assertion (A): A country with high Human Development Index may still have high multidimensional poverty.

Reason (R): Human Development Index is an average and doesn't capture intra-country inequalities.

- 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: A

- D. A is false, but R is true.



Q45. Read the following two statements carefully and choose the correct option:

Assertion (A): In barter exchange, double coincidence of wants enhances transactional efficiency.

Reason (R): Double coincidence of wants is done away with by money.

- 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.
- D. A is false, but R is true.

Correct Ans: D

Q46. Nationalization of major banks occurred in which year?

- A. 1965 B. 1969 C. 1971 D. 1980

Wrong Question Marked by SSC

Q47. Which of the following statements about the textile industry in India is correct?

- A. It is dependent on foreign raw materials. B. It is not involved in foreign exchange earnings.
- C. It plays a key role in industrial output and jobs D. It only manufactures low-value goods.

Correct Ans: C

Q48. Consider the following statements regarding the GIB (Great Indian Bustard):

1. It is listed as Critically Endangered under the IUCN Red List.
2. It is found in the grasslands of Gujarat, Maharashtra, and Rajasthan.
3. The species is protected under Schedule II of the Wildlife Protection Act, 1972.

- A. Only 1 and 2 are correct B. Only 2 and 3 are correct C. Only 1 and 3 are correct
- D. All 1, 2 and 3 are correct

Correct Ans: A

Q49. Large-scale solar power projects often face challenges related to land acquisition and environmental impact. Which geographical factor is most critical in minimizing these issues while maximizing energy output for a grid-connected utility-scale solar farm?

- A. Location within seismically active zones for geothermal integration.
- B. Availability of flat, arid, and sparsely populated land with high insolation.
- C. Proximity to major urban centers for consumption.
- D. Abundance of water resources for panel cleaning.

Correct Ans: B

Q50. Consider these facts about prominent solar system bodies:

1. Jupiter's Great Red Spot is a persistent anticyclonic storm.
2. Mars has two small, irregularly shaped moons.

Which of the above is/are correct?

- A. Statement 1 only B. Statement 2 only C. Both 1 and 2 D. Neither 1 nor 2

Correct Ans: C

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



Adda247 Telegram Channel



Adda247 Instagram

Q51. What is the smallest number that, when divided by 2, 3, 4, 5, 6, and 7 leaves remainder 1?

- A. 421 B. 841 C. 800 D. 211

Correct Ans: A

Q52. Find the value of $0.1 + 0.11 + 0.111$

- A. 0.321 B. 0.331 C. 0.312 D. 0.313

Correct Ans: A

Q53. If $2x + 3y = 50$ and $x, y \in \mathbb{N}$, then what is the value of x for which y is minimum?

- A. 20 B. 22 C. 24 D. 26

Correct Ans: B

Q54. A milkman mixes water in pure blends milk and offers the mixture for sale at the original cost price of milk. If he mixes 0.75 liters of water in every 5.25 liters of milk and sells the entire mixture at the price of pure milk, what is his profit percentage?

- A. 12.5% B. 14.28% C. 16.66% D. 17.64%

Correct Ans: B

Q55. Rs. x is invested at 14% simple interest and Rs. $2x$ at 7% compound interest per annum for 2 years. If the difference between the CI and SI is ₹392, what is the value of x ?

- A. ₹30000 B. ₹40000 C. ₹50000 D. ₹60000

Correct Ans: B

Q56. The average marks of 30 students are 72. The top 5 students scored an average of 86 marks, while the last 5 students averaged 54. What is the average of the remaining 20 students?

- A. 72 B. 73 C. 83 D. 84

Correct Ans: B

Q57. There are four consecutive odd numbers, denoted as x_1, x_2, x_3 , and x_4 , and three consecutive even numbers, represented by y_1, y_2 , and y_3 . The average of the odd numbers is six less than the average of the even numbers. Additionally, the total of the three even numbers is 16 less than the total of the four odd numbers. What is the average of x_1, x_2, x_3 , and x_4 ?

- A. 32 B. 34 C. 36 D. 38

Correct Ans: B

Q58. Mr. A invested ₹15,500 in stocks and ₹20,500 in mutual funds. If the uninvested amount is 40% of his total savings, what was his total savings?

- A. ₹50,000 B. ₹55,000 C. ₹60,000 D. ₹62,000

Correct Ans: C



Q59. The table below displays the student's scores from their first and second semester exams across four subjects in a particular year."

Subjects	1st Semester	2nd Semester	Maximum Marks
English	40	45	50
Maths	70	80	100
Science	35	40	50
History	55	65	100

What is the student's approximate cumulative percentage of marks for the entire year?

- A. 68% B. 70% C. 72% D. 75%

Correct Ans: C

Q60. A person sells 50 chairs for ₹10,000, suffering a loss of 15%. Estimate how many chairs should he sell for ₹9000 to make a profit of 10%?

- A. 34 B. 35 C. 36 D. 37

Correct Ans: B

Q61. A 40-liter mixture contains juice and water in the ratio 5:3. How much water (in liters) must be added to this mixture to change the ratio of juice to water to 2:3?

- A. 15.5 litres B. 22.5 litres C. 25 litres D. 30 litres

Correct Ans: B

Q62. A and B together finish work in 10 days. B and C in 12 days. A and C in 15 days. How many days will C take to do the work alone?

- A. 40 days B. 20 days C. 15 days D. 18 days

Correct Ans: A

Q63. A bus starts from City A at 1:00 PM, and travels towards City B at a speed of 50 km/h. A car starts from City B at 2:30 PM and travels towards City A at a speed of 80 km/h. If the distance between City A and City B is 450 km, at what time will they cross each other?

- A. 5:00 PM B. 5:23 PM C. 6:00 PM D. 6:30 PM

Correct Ans: B

Q64. Two runners, P and Q, start running from the same point on a circular track of 800 meters. They run in the same direction with speeds of 12 km/h and 9 km/h, respectively. If they run for 4 hours, how many times will they cross each other?

- A. 12 times B. 15 times C. 18 times D. 20 times

Wrong Question Marked by SSC

Q65. If $(3x + \frac{2}{x} - 4) = 10$, then what is the value of $(9x^2 + \frac{4}{x^2} + 24)$?

- A. 214 B. 208 C. 256 D. 218

Correct Ans: B

Q66. If $x + \frac{1}{x} = \sqrt{2}$, determine the value of $x^6 + \frac{1}{x^6}$

- A. 1 B. 2 C. 3 D. 0

Correct Ans: D



Q67. From a point A on the ground, the angle of elevation to the top of a tower is 45° . From another point B, 40 meters closer to the tower along the same straight line, the angle of elevation is 60° . Find the approximate height of the tower and the distance from point A to the base of the tower.

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

Correct Ans: A

Q68. Find the radius of a hemisphere whose volume is numerically equal to its total surface area.

- A. 4.5 units B. 2.8 units C. 3.2 units D. 1.4 units

Correct Ans: A

Q69. Two solid hemispheres of radii R and 2R are melted to form a sphere and a cone. The cone has the same radius as the new sphere, and its height is twice the sphere's radius. Find the radius of the newly formed sphere.

- A. $\sqrt[3]{3} \times r$ B. $\sqrt[3]{5} \times r$ C. $\sqrt[3]{7} \times r$ D. $\sqrt[3]{11} \times r$

Wrong Question Marked by SSC

Q70. A company produces wooden signs shaped like regular octagons of side 20 cm. If wood costs ₹5/cm² and design costs ₹200 per piece, what is the total cost per sign?

- A. ₹9856 B. ₹8564 C. ₹1,500 D. ₹1,620

Wrong Question Marked by SSC

Q71. A circular garden is divided into 4 equal parts. If the total area is 314 m², what is the central angle of one part and its area?

- A. 60° , 78.5 m² B. 90° , 78.5 m² C. 120° , 75 m² D. 90° , 80 m²

Correct Ans: B

Q72. A running track is comprised of a rectangular shape with semicircles at each of its shorter ends. The combined area of the two semicircles is 50% of the area of the central rectangular section. What is the approximate ratio of the length of the rectangular section to its width? (Use $\pi \approx 3.14$)

- A. 1:1 B. 1.57:1 C. 2:1 D. 3.14:1

Correct Ans: B

Q73. A sector having a radius of 9 cm and has a central angle of 60° . What is the area of the sector?

- A. $\frac{27\pi}{2}$ cm² B. 13.5π cm² C. 82.4 cm² D. $\frac{81\pi}{6}$ cm²

Wrong Question Marked by SSC

Q74. Two lines are perpendicular if their slopes multiply to:

- A. 0 B. 1 C. -1 D. ∞

Correct Ans: C

Q75. Choose the incorrect relation from the following:

- I. $\sqrt{6} + \sqrt{2} = \sqrt{5} + \sqrt{3}$
 II. $\sqrt{6} + \sqrt{2} < \sqrt{5} + \sqrt{3}$
 III. $\sqrt{6} + \sqrt{2} > \sqrt{5} + \sqrt{3}$

- A. II B. I and III C. I D. II and III

Correct Ans: B



PART-D (English Language (Basic Knowledge))

Q76. Read the passage and answer the questions:

"The idea that space and time form a four-dimensional continuum was first suggested by Hermann Minkowski as a natural consequence of Einstein's Special Theory of Relativity. In this framework, time is not an independent, absolute entity, as Newton had assumed, but rather interwoven with the three spatial dimensions into a single fabric known as space-time. Events occur at points in this space-time, and their separation is governed not by traditional Euclidean distance but by the relativistic interval, which remains invariant under changes of reference frame. This deep connection between space and time implies that the passage of time is not universal but relative: what one observer perceives as simultaneous may differ for another observer in relative motion.

This concept becomes even more profound when we introduce gravity, as formulated in Einstein's General Theory of Relativity. Gravity is no longer thought of as a force in the Newtonian sense but rather as the curvature of space-time caused by the presence of mass and energy. Objects moving within this curved space-time follow geodesics—the natural paths dictated by the warping of space and time itself. This leads to the astonishing prediction that time runs differently in regions of varying gravitational potential: near a massive body, such as a black hole, time slows relative to an observer in free space. This effect, known as gravitational time dilation, has been confirmed through precise experiments, such as the observation that clocks aboard satellites tick slightly faster than those on Earth's surface due to weaker gravity.

Which of the following best describes the grammatical structure of the sentence:

"This deep connection between space and time implies that the passage of time is not universal but relative:"?

- A. Compound sentence B. Complex sentence C. Simple sentence
D. Compound-complex sentence

Correct Ans: B

Q77. Read the passage and answer the questions:

"The idea that space and time form a four-dimensional continuum was first suggested by Hermann Minkowski as a natural consequence of Einstein's Special Theory of Relativity. In this framework, time is not an independent, absolute entity, as Newton had assumed, but rather interwoven with the three spatial dimensions into a single fabric known as space-time. Events occur at points in this space-time, and their separation is governed not by traditional Euclidean distance but by the relativistic interval, which remains invariant under changes of reference frame. This deep connection between space and time implies that the passage of time is not universal but relative: what one observer perceives as simultaneous may differ for another observer in relative motion.

This concept becomes even more profound when we introduce gravity, as formulated in Einstein's General Theory of Relativity. Gravity is no longer thought of as a force in the Newtonian sense but rather as the curvature of space-time caused by the presence of mass and energy. Objects moving within this curved space-time follow geodesics—the natural paths dictated by the warping of space and time itself. This leads to the astonishing prediction that time runs differently in regions of varying gravitational potential: near a massive body, such as a black hole, time slows relative to an observer in free space. This effect, known as gravitational time dilation, has been confirmed through precise experiments, such as the observation that clocks aboard satellites tick slightly faster than those on Earth's surface due to weaker gravity.

What is the closest meaning of "geodesics" in the context of the passage?

- A. Straightest possible paths in curved space-time B. Gravitational waves moving through space
C. Circular orbits caused by gravitational pull D. Fixed points of measurement in space

Correct Ans: A



Q78. Read the passage and answer the questions:

"The idea that space and time form a four-dimensional continuum was first suggested by Hermann Minkowski as a natural consequence of Einstein's Special Theory of Relativity. In this framework, time is not an independent, absolute entity, as Newton had assumed, but rather interwoven with the three spatial dimensions into a single fabric known as space-time. Events occur at points in this space-time, and their separation is governed not by traditional Euclidean distance but by the relativistic interval, which remains invariant under changes of reference frame. This deep connection between space and time implies that the passage of time is not universal but relative: what one observer perceives as simultaneous may differ for another observer in relative motion.

This concept becomes even more profound when we introduce gravity, as formulated in Einstein's General Theory of Relativity. Gravity is no longer thought of as a force in the Newtonian sense but rather as the curvature of space-time caused by the presence of mass and energy. Objects moving within this curved space-time follow geodesics—the natural paths dictated by the warping of space and time itself. This leads to the astonishing prediction that time runs differently in regions of varying gravitational potential: near a massive body, such as a black hole, time slows relative to an observer in free space. This effect, known as gravitational time dilation, has been confirmed through precise experiments, such as the observation that clocks aboard satellites tick slightly faster than those on Earth's surface due to weaker gravity.

In the sentence "**Gravity is no longer thought of as a force in the Newtonian sense but rather as the curvature of space-time...**", what does the word "**curvature**" most likely refer to?

- A. Folding of physical objects B. Bending of the path of planets only
C. Warping of the structure of space and time D. Deformation of gravitational fields by energy

Correct Ans: C

Q79. Which of the following is incorrectly spelled?

- A. Obsolescence B. Scrumptious C. Vanquish D. Capitulation

Correct Ans: A

Q80. Fill in the blank with the correctly spelt word.

The king's _____ reign led to widespread unrest among the people.

- A. despotick B. desppotic C. despotic D. disspotic

Correct Ans: C

Q81. Choose the correct active form of the given sentence.

Admission was refused to Sheetal by the school.

- A. Sheetal was refused admission by the school. B. The school refused admission to Sheetal.
C. Sheetal will be refused admission by the school.
D. The school has been refusing admission to Sheetal.

Correct Ans: B

Q82. Fill in the blank with the appropriate adverb.

The policy was implemented _____, without prior public consultation.

- A. arbitrarily B. intuitively C. pragmatically D. sequentially

Correct Ans: A



Q83. Fill in the blank with the appropriate article.

The committee deliberated extensively over whether _____ increase in tuition fees was justifiable given the prevailing economic climate.

- A. a B. an C. the D. no article

Correct Ans: B

Q84. Choose the one that correctly represents the sentence in direct speech.

Adit explained that he hadn't had the time to prepare his speech the day before.

- A. Adit said, "I haven't had the time to prepare my speech the day before."
B. Adit said, "I didn't have the time to prepare my speech yesterday."
C. Adit said, "I didn't have the time to prepare my speech the day before."
D. Adit said, "I hadn't had the time to prepare my speech yesterday."

Correct Ans: B

Q85. Which of the following is the correct indirect speech conversion of the given sentence?

Purna said, "Bravo! I have passed the entrance test."

- A. Purna happily announced that she have had passed the entrance test.
B. Purna joyfully exclaimed that she had passed the entrance test.
C. Purna expressed with excitement that she had passed the entrance test.
D. Purna said with joy that she had passed the entrance test.

Correct Ans: B

Q86. Choose the option that best expresses the same sentence in indirect speech.

I said to him, "Does your sister know French?"

- A. I asked him whether his sister knows French. B. I asked him whether his sister knew French.
C. I told him whether his sister knew French. D. I said to him whether his sister knows French.

Correct Ans: B

Q87. Choose the correct active voice form from the given options.

The laptop may not be bought by her.

- A. She may not buy the laptop. B. She might not buy the laptop.
C. She should not have bought the laptop. D. She may not have bought the laptop.

Correct Ans: A



Q88. Rearrange the parts of the sentence in the correct order.

Ancient mythologies
P. while adapting to contemporary interpretations and themes
Q. influencing modern literature, cinema, and philosophy
R. preserving cultural traditions through oral storytelling
S. have transcended time and geographical boundaries,

- A. PRSQ B. QRPS C. RPQS D. SQRP

Correct Ans: D

Q89. What does the idiom "to keep the wolf away from the door" mean?

- A. To avoid financial hardship B. To escape from a dangerous situation
C. To protect oneself from enemies D. To stay away from risky opportunities

Correct Ans: A

Q90. Improve the sentence by selecting the correct form of tense from the options.

She said that she _____ the report before the deadline.

- A. will complete B. has completed C. had completed D. completes

Correct Ans: C

Q91. Improve the sentence by selecting the appropriate tense of the underlined word.

He work for an hour when I found him sleeping on the couch.

- A. had worked B. has worked C. will have worked D. was working

Correct Ans: D

Q92. Read the sentence below and choose the meaning of the idiom that best fits the context:

"Mr. Smith: There's a little time before lunch. I think I'm going to lie down for a while and catch forty winks."

What does the idiom "catch forty winks" mean in this context?

- A. Eat a quick snack. B. Take a short nap. C. Go for a walk. D. Daydream while lying down.

Correct Ans: B

Q93. Identify the error in the sentence.

Of the three runners, he was the faster.

- A. faster B. was C. runners D. three

Correct Ans: A

Q94. Choose the correct one-word substitution for the sentence below.

"In his extreme old age when he behaves like a fool, people often lose patience with him."

- A. Superannuation B. Dotage C. Senescence D. Imbecility

Correct Ans: B

Q95. Select the most appropriate synonym of the given word. **INTRANSIGENT**

- A. Unyielding B. Independent C. Stubborn D. Objective

Wrong Question Marked by SSC



Q96. Select the most appropriate synonym of the given word. **PREFUNCTORY**

- A.** Cursory **B.** Meticulous **C.** Earnest **D.** Elaborate

Wrong Question Marked by SSC

Q97. Select the most appropriate antonym of the given word. **Lucid**

- A.** Clear **B.** Confusing **C.** Bright **D.** Fluent

Correct Ans: B

Q98. Select the most appropriate antonym of the given word. **Impervious**

- A.** Impregnable **B.** Permeable **C.** Durable **D.** Impassive

Correct Ans: B

Q99. Change the following from active to passive:

The director was supposed to have finalized the script revisions before principal photography commenced.

- A.** The script revisions were supposed to have finalized by the director before principal photography commenced.
B. The script revisions were supposed to have been finalized by the director before principal photography commenced.
C. The script revisions were being supposed to have been finalized by the director before principal photography commenced.
D. The script revisions were supposed to being finalized by the director before principal photography commenced.

Correct Ans: B

Q100. Which of the following is the correct spelling of the word?

- A.** Easthetic **B.** Aesthetic **C.** Aesthatic **D.** Aesthettic

Correct Ans: B

Adda247

