

SSC CGL T-I Similar Paper (Held on 23 Sep 2025 S2) - English

Q1. If $4 + 6 = 46$ and $5 + 7 = 57$, then $8 + 3 = ?$

- (a) 83
- (b) 38
- (c) 11
- (d) 48

Ans.(a)

Q2. Find the missing term in the series.

2, 6, 12, 20, 30, ?

- (a) 40
- (b) 42
- (c) 44
- (d) 38

Ans.(b)

Q3. Choose the correct option to complete the sentence.

Sample Address

- (a) Flat 302, Gurgaon, Haryana - 201501
- (b) Flat No. 302, Gurgaon, Haryana - 201501
- (c) Flat No. 302, Gurgaon, Haryana - 201501
- (d) Flat No. 302, Gurgaon, Haryana - 201501

Ans.(d)

Q4. In a series

Lucknow - 8 Mar

- (a) 2 days
- (b) 3 days
- (c) 4 days
- (d) 5 days

Ans.(b)

Q5. The product

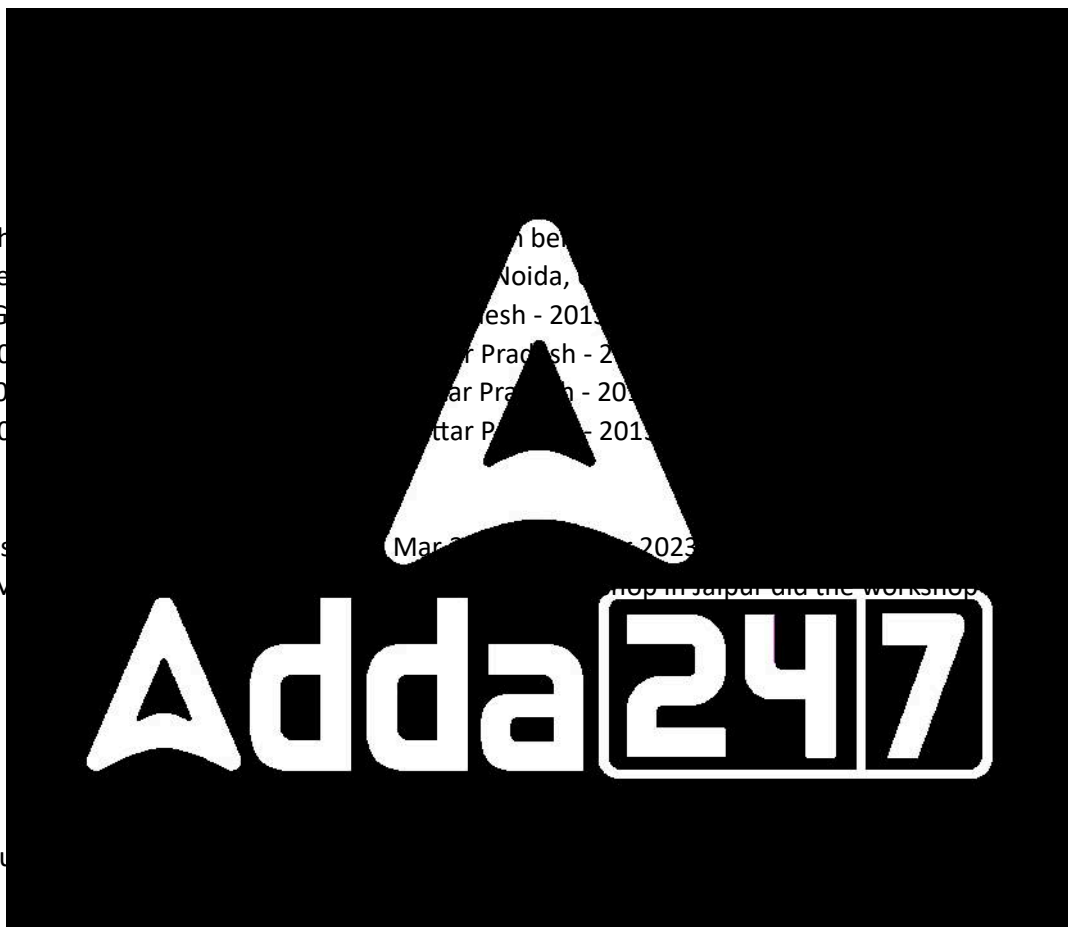
- (a) 90
- (b) 180
- (c) 900
- (d) 3600

Ans.(a)

Q6. A shopkeeper buys an item for ₹150. He wants 10% profit. What is the selling price?

- (a) ₹160
- (b) ₹165
- (c) ₹170
- (d) ₹155

Ans.(b)



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Q7. 8 people contribute ₹50 each. 4 leave. What should each of the remaining pay to keep total same?

- (a) ₹80
- (b) ₹90
- (c) ₹100
- (d) ₹75

Ans.(c)

Q8. If $7 \times 9 = 63$ and $6 \times 9 = 54$, then $5 \times 7 = ?$

- (a) 34
- (b) 36
- (c) 35
- (d) 33

Ans.(c)

Q9. A car covers

- (a) 40
- (b) 45
- (c) 50
- (d) 55

Ans.(c)

Q10. Choose the

- (a) Android
- (b) Windows
- (c) macOS
- (d) Oracle

Ans.(d)

Q11. If GAME is written as HBN and PLAY is written as QMBZ, then CHAIR will be coded as?

- (a) QMBZ
- (b) QLBZ
- (c) QNBZ
- (d) None of the above

Ans.(a)

Q12. Which row

- (a) 888888
- (b) 123456
- (c) 999999
- (d) 444444

Ans.(d)

Q13. If "TABLE" is written as "UBCMF", how will "CHAIR" be written?

- (a) DJBJS
- (b) BGHZQ
- (c) DIBJS
- (d) DIBIR

Ans.(c)



Q14. What comes next?

AB, CD, EF, ?

- (a) GH
- (b) FG
- (c) HI
- (d) IJ

Ans.(a)

Q15. If $9 : 81$ and $8 : 64$, then $7 : ?$

- (a) 48
- (b) 49
- (c) 56
- (d) 42

Ans.(b)

Q16. What shall be the next number in the series?

7, 15, 31, 63, ?

- (a) 255
- (b) 254
- (c) 256
- (d) 240

Ans.(a)

Q17. Complete the series.

5, 10, 20, 40, ?

- (a) 60
- (b) 70
- (c) 80
- (d) 75

Ans.(c)

Q18. What comes next?

B, F, J, N, ?

- (a) R
- (b) Q
- (c) S
- (d) T

Ans.(a)

Q19. Find the missing number:

$15^2 : ?$

- (a) 215
- (b) 225
- (c) 235
- (d) 245

Ans.(b)



Q20. In a code language: 'cat dog fish' = 'aaa, bbb, ccc' 'fish lion cat' = 'ccc, ddd, aaa' 'lion dog tiger' = 'ddd, bbb, eee'. What is the code for 'cat lion dog'?

- (a) aaa, ddd, bbb
- (b) ccc, aaa, bbb
- (c) ddd, aaa, eee
- (d) aaa, bbb, eee

Ans.(a)

Q21. Find the missing number: 32 : 5 :: 645 : ?

- (a) 14
- (b) 15
- (c) 16
- (d) 17

Ans.(b)

Q22. Statement:

- 1. Some pens are tools.
 - 2. All markers are tools.
- Conclusions:

- I. Some pens are markers.
 - II. All tools are markers.
- (a) Only I follows
 - (b) Only II follows
 - (c) Both follow
 - (d) Neither follows

Ans.(a)

Q23. Which pair is not a number series?

- (a) 721345 and 543217
- (b) 563214 and 432156
- (c) 890123 and 321098
- (d) 456789 and 987654

Ans.(a)

Q24. Find the odd one out.
DEVELOPMENT

- (a) Melt
- (b) Tent
- (c) Voting
- (d) Moves

Ans.(a)

Q25. Statement:

- 1. Some X are Y.
- 2. All Y are Z.
- 3. No Z is W.

Conclusions:

- I. Some X are not W.



II. No Y is W.

- (a) Only I follows
- (b) Only II follows
- (c) Both follow
- (d) Neither follows

Ans.(c)

Q26. Statement I: The city of Chennai is popularly known as the Detroit of India. Statement II: The city is a hub of the petrochemical industry and a leader in petrochemical product manufacturing in India. Which of the following Statements is/are CORRECT?

- (a) Both Statements are correct, and Statement II is the correct explanation for Statement I
- (b) Both Statements are correct, and Statement II is not the correct explanation of Statement I
- (c) Statement I is correct, but Statement II is incorrect
- (d) Statement II is correct, but Statement I is incorrect

Ans.(c)

Q27. Which of the following is not a part of the growing phase of discus throw?

- (a) The shoulder should be at the top of the head after the start of the throw
- (b) The left foot should be at the top of the head and the right foot should be at the bottom
- (c) Both knees should be at the top of the head and the right knee should be at the bottom
- (d) The body's weight should be on the right foot while the right foot is at the bottom

Ans.(a)

Q28. Dr. Tessy Thomas is known as the 'Missile Woman of India'. She is known for the following achievements:

- (a) Led Agni-V missile project
- (b) Was Chairperson of the National Space Commission
- (c) Founded a private satellite company
- (d) Headed the National Space Research and Development Organisation

Ans.(a)

Q29. Who joined the Indian National Congress?

- (a) Parameswari
- (b) V.K. Paul
- (c) B.V.R. Subrahmanyam
- (d) Amitabh Kant

Ans.(c)

Q30. Which of these statements is/are correct regarding the Census of India, 2011?

- 1. Muslims outnumber all other minorities in India, but they do not form a majority in any of the Indian states.
- 2. Christian population is distributed mostly in urban areas of India.
- 3. Jains have a major concentration in the urban areas of Rajasthan, Gujarat and Maharashtra, while the Buddhists are concentrated mostly in Maharashtra.

- (a) 1 and 3 only
- (b) 3 only
- (c) 2 and 3 only
- (d) 1 and 2 only

Ans.(b)

Q31. Which describes the "bunch start" position in sprinting?

- (a) Blocks 25–30 inches from line, feet parallel
- (b) Blocks 16–19 inches from line, rear toe and front heel aligned
- (c) Hips below shoulders, arms bent
- (d) Toes ahead of starting line

Ans.(b)

Q32. Assertion (A): One objective of liberalisation was to remove barriers to entry and growth of firms. Reason (R): The license raj restricted entrepreneurial freedom and market competition.

- (a) Both A and R are true and R is the correct explanation of A
- (b) Both A and R are true and R is not the correct explanation of A
- (c) A is true but R is false
- (d) A is false but R is true

Ans.(a)

Q33. Under the

- (a) Direct and indirect
- (b) Based on a
- (c) Only admis
- (d) Hearsay or

Ans.(a)

Q34. What was the main objective of the Industrial Policy Resolution of 1956?

- (a) Full privatisation of the public sector
- (b) Abolition of the public sector
- (c) Emphasis on the private sector
- (d) Expansion of the public sector

Ans.(d)

Q35. The World Economic Competitiveness Index primarily assesses a country's ability to

- (a) Attract tourists
- (b) Create and protect intellectual property
- (c) Innovate and develop new technologies
- (d) Conserve natural resources

Ans.(b)

Q36. The Jagannath Temple in Puri is an example of which style of architecture?

- (a) Dravidian
- (b) Maratha
- (c) Nagara (Kalinga)
- (d) Vesara

Ans.(c)

Q37. Why is revenue deficit a concern for the economy?

- (a) It increases productive investment
- (b) It improves trade surplus

- (c) It indicates borrowing for current spending
(d) It boosts capital creation

Ans.(c)

Q38. Which nuclear decay alters atomic number but not mass?

- (a) Alpha Decay
(b) Beta Decay
(c) Gamma Decay
(d) Fission

Ans.(b)

Q39. The "Pradhan Mantri Awas Yojana - Urban (PMAY-U)" aims to address the housing shortage in urban areas. Which of the following is not a feature of the scheme?

- (a) Primarily for urban areas
(b) Providing financial assistance for affordable housing
(c) Mandating states to contribute 1% of their GDP
(d) Concentrating on slum areas

Ans.(b)

Q40. In the traditional Indian architecture, which style were referred to as 'Deccan School'?

- (a) Mughals
(b) Deccan Sultanates
(c) Cholas
(d) Rayas

Ans.(d)

Q41. Consider the following statements:

1. The novel, 'The God of Small Things' by Arundhati Roy, was published in 1997.
 2. It won the Booker Prize for the best English language novel in 1997.
 3. The book was written by the author, Arundhati Roy, who is a Malayali.
- (a) Only statement 1 is correct
(b) Only statement 2 is correct
(c) Statement 1 and 2 are correct
(d) 1, 2 and 3

Ans.(c)

Q42. Which of the following is true about the Deogarh temple built in the early 6th century CE?

- (a) It follows a panchayatana layout and is an early example of Nagara style
(b) It was built by Chandela rulers and faces east like most Hindu temples
(c) Its main deity is Shiva in the form of Mahadeo
(d) It is entirely rock-cut with vaulted interiors

Ans.(a)

Q43. In Carnatic music, which type of composition is most commonly performed during a concert, focusing on a fixed melody and rhythm?

- (a) Varnam
(b) Kritis
(c) Raga Alapana

(d) Tillana

Ans.(b)

Q44. The Ilbert Bill controversy of 1883-84 was related to:

- (a) The imposition of new taxes on agricultural produce
- (b) The issue of allowing Indian judges to try European offenders in criminal cases
- (c) The introduction of English as the medium of instruction in all schools
- (d) The demarcation of boundaries between British India and princely states

Ans.(b)

Q45. Why "Space Situational Awareness (SSA)" program by ISRO important?

- (a) Tracks energy usage in orbit
- (b) Monitors space debris
- (c) Observes celestial bodies
- (d) Provides satellite navigation

Ans.(b)

Q46. Where was the first Indian satellite launched?

- (a) Jaipur, Rajasthan
- (b) Vadodara, Gujarat
- (c) Pune, Maharashtra
- (d) Indore, Madhya Pradesh

Ans.(d)

Q47. Which country is the largest producer of cotton in the world?

- (a) China
- (b) India
- (c) Russia
- (d) United States

Ans.(b)

Q48. Fill in the blank: During the performance of the Bharata Natyam, the dancers wear _____.

- (a) Colorful saris
- (b) Masks
- (c) Veils
- (d) Bells

Ans.(a)

Q49. Which of the following scholars wrote the Ashtanga Sangraha?

- (a) Charaka
- (b) Sushruta
- (c) Bhaskaracharya
- (d) Vagbhata

Ans.(d)

Q50. Which tribal leader from Jharkhand led the 'Ulgulan' (Great Rebellion) movement against British exploitation of tribal lands?

- (a) Sidhu Murmu
- (b) Kanhu Murmu
- (c) Birsa Munda
- (d) Tilka Manjhi

Ans.(c)

Q51. If the selling price of an item is increased by 25% and the profit also increases from 20% to 30%, what is the percentage increase in the cost price?

- (a) 4.5%
- (b) 5.6%
- (c) 10.28%
- (d) 15.38%

Ans.(d)

Q52. The number of students in Section A is given below:

Height (in m)
1.55
1.60
1.62
1.65
1.68
1.71
1.75

What is the ratio of the number of students with a height of 1.62 metre to the number of students in Section A?

- (a) 14 : 67
- (b) 14 : 62
- (c) 1 : 4
- (d) 7 : 33

Ans.(a)

Q53. A computer is sold at a profit of 20%.

- (a) Rs. 8500
- (b) Rs. 8800
- (c) Rs. 9000
- (d) Rs. 9500

Ans.(c)

Q54. A group of 6 students went on a trip and spent Rs. 1200 in total. If one of them spent Rs. 300 while the rest spent equally, what was the average spending of the other 5 students?

- (a) Rs. 180
- (b) Rs. 200
- (c) Rs. 220
- (d) Rs. 240

Ans.(a)

Q55. A square has a perimeter of 100 cm. What is the area of the square?

- (a) 652 cm^2
- (b) 892 cm^2
- (c) 625 cm^2
- (d) 825 cm^2

Ans.(c)

Q56. A chord is drawn in a circle with a radius of 15 cm. If the distance of the chord from the center is 9 cm, what is the length of the chord?

- (a) 12 cm
- (b) 15 cm
- (c) 24 cm
- (d) 30 cm

Ans.(c)

Q57. If the difference between the number of sides of the polygon is 10, then the number of sides of the polygon is

- (a) 9
- (b) 10
- (c) 11
- (d) 12

Ans.(a)

Q58. A student scored 72 marks in a test of 100 marks. If his average marks in the 8th test was his score in the 7th test, then the marks he scored in the 7th test is

- (a) 79
- (b) 78
- (c) 80
- (d) 81

Ans.(c)

Q59. If $\sin x = \frac{1}{2}$, then the value of x is

- (a) 35°
- (b) 25°
- (c) 18°
- (d) 20°

Ans.(a)

Q60. Convert 0.5 radians to degrees.

- (a) 25.7°
- (b) 28.65°
- (c) 45.24°
- (d) 57.3°

Ans.(b)



Q61. A square field has a diagonal of $\sqrt{98}$ m. What is its area?

- (a) 48 m^2
- (b) 49 m^2
- (c) 50 m^2
- (d) 52 m^2

Ans.(b)

Q62. A value is increased by 30% and then decreased by an unknown percentage to return to the original value. What is the percentage decrease required?

- (a) 23.08%
- (b) 26.92%
- (c) 30.26%
- (d) 20.22%

Ans.(a)

Q63. Solve: $\sqrt{81}$

- (a) $\sqrt{91}$
- (b) $\sqrt{81}$
- (c) $\sqrt{71}$
- (d) $\sqrt{41}$

Ans.(a)

Q64. A rectangular tank of length 10 cm $\times$ width 5 cm contains water. If 5 identical spherical stones of radius 1 cm are dropped into the tank, the rise in the water level?

- (a) $\pi/10$ cm
- (b) $\pi/6$ cm
- (c) $\pi/5$ cm
- (d) $\pi/3$ cm

Ans.(b)

Q65. A man reduces his speed from 20 km/h to 18 km/h. So, he takes 8 minutes more than the original time. What is the distance travelled?

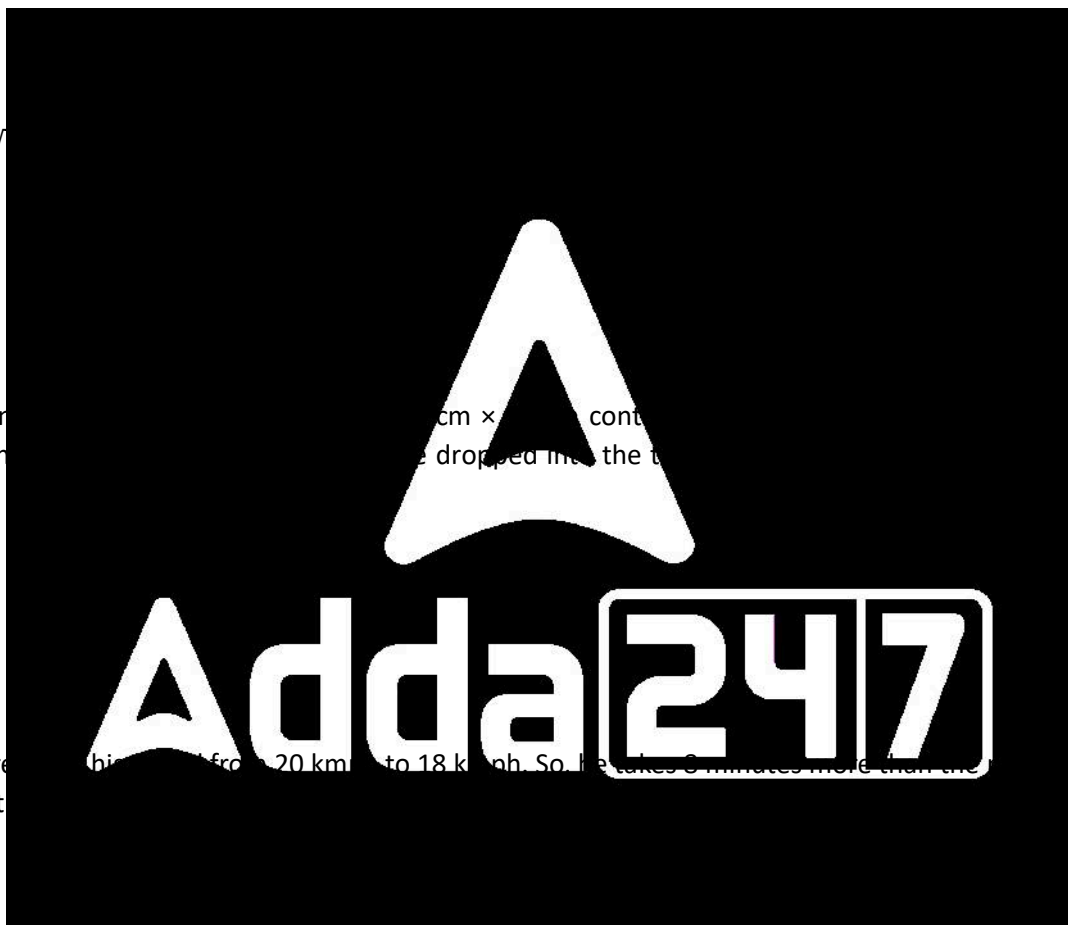
- (a) 20 km
- (b) 21 km
- (c) 22 km
- (d) 24 km

Ans.(d)

Q66. A store announces a festive deal: "Get 30% off on purchases above Rs. 10,000, and an additional Rs. 1,000 off if the total after discount exceeds Rs. 15,000." A customer buys items worth Rs. 25,000. How much does the customer finally pay?

- (a) Rs. 16,500
- (b) Rs. 17,500
- (c) Rs. 16,000
- (d) Rs. 17,000

Ans.(a)



Q67. If 10 men or 15 women can complete a work in 170 days, how long will 20 men and 20 women take for completing the same work?

- (a) 52 days
- (b) 50 days
- (c) 51 days
- (d) 53 days

Ans.(c)

Q68. For a triangle with one interior angle greater than 90° , where is its Orthocenter located?

- (a) On one of the sides of the triangle.
- (b) Outside the triangle.
- (c) Inside the triangle.
- (d) At one of the vertices.

Ans.(b)

Q69. A point P is at a distance of $\sqrt{125}$ cm from the center of a circle. What is the radius of the circle?

- (a) 5 cm
- (b) 10 cm
- (c) $\sqrt{5}$ cm
- (d) $\sqrt{15}$ cm

Ans.(a)

Q70. A 50-litre mixture contains water and alcohol in the ratio 3:2. How much water must be added to make the ratio 1:1?

- (a) 5 L
- (b) 10 L
- (c) 15 L
- (d) 20 L

Ans.(b)

Q71. If $\sin A = \frac{4}{5}$, then $\cos A =$

- (a) $-\frac{9}{25}$
- (b) $\frac{16}{25}$
- (c) $\frac{1}{9}$
- (d) $-\frac{7}{9}$

Ans.(d)

Q72. A solution of 100 litres has a 60% salt concentration. How many litres of water must be added to reduce the concentration to 40%, and then how much pure salt must be added to bring the concentration back to 50%?

- (a) Add 50 L of water, then 30 L of salt
- (b) Add 90 L of water, then 70 L of salt
- (c) Add 70 L of water, then 30 L of salt
- (d) Add 50 L of water, then 10 L of salt

Ans.(a)



Q73. A kite is soaring at an altitude of 75 meters above the ground, with its string temporarily secured to a point on the ground. The angle of elevation of the string relative to the ground is 30 degrees. Given that the string remains taut, what is the length of the string?

- (a) 75 m
- (b) $75\sqrt{3}$ m
- (c) 150 m
- (d) $150\sqrt{3}$ m

Ans.(c)

Q74. Partners X and Y invest Rs. 60,000 and Rs. 90,000 respectively. X works for 6 months, Y for 4 months. Profit is divided based on capital ($\times$) time. Find their profit ratio.

- (a) 2:3
- (b) 1:1
- (c) 3:2
- (d) 4:5

Ans.(b)

Q75. A sum of money is invested at a rate of interest per annum?

- (a) 6%
- (b) 8%
- (c) 5%
- (d) 9%

Ans.(c)

Q76. Change the following sentence from passive voice to active voice:

The auditors were asked to submit a report by the deadline.

- (a) The complete report was submitted by the auditors by the deadline.
- (b) The complete report would not have been submitted by the auditors by the deadline.
- (c) The complete report will not have been submitted by the auditors by the deadline.
- (d) The complete report has not been submitted by the auditors by the deadline.

Ans.(c)

Q77. Choose the correct word to complete the sentence.

- (a) Perpetual
- (b) Immutable
- (c) Ephemeral
- (d) Perennial

Ans.(c)

Q78. Convert the sentence provided below from its passive voice structure to an active voice structure:

No formal objections were seen to have been raised by the delegates against the revised charter.

- (a) It was seen that the delegates raised formal objections against the revised charter.
- (b) The delegates were seen raising no formal objections against the revised charter.
- (c) It was seen that the delegates had raised no formal objections against the revised charter.
- (d) It was seen that the delegates had made no formal objections to the revised charter.

Ans.(c)

Q79. Fill in the blank with the correctly spelt word.

The critic questioned the highly _____ lens through which the biography had been written.

- (a) subjectiv
- (b) subjictive
- (c) subjecteve
- (d) subjective

Ans.(d)

Q80. Find the part of the sentence that contains an error:

The committees submitted their individual advices (1)/ to the ministerial panel (2)/ before the policy document (3)/ was tabled in Parliament. (4)

- (a) (1)
- (b) (2)
- (c) (3)
- (d) (4)

Ans.(a)

Q81. Select the

The ancient o

- (a) The ranger
- (b) The dog be
- (c) She ran he
- (d) Thick layer

Ans.(b)

Q82. Fill in the

In _____ era

has become a

- (a) a, a
- (b) the, the
- (c) an, the
- (d) an, a

Ans.(c)

Q83. Select the

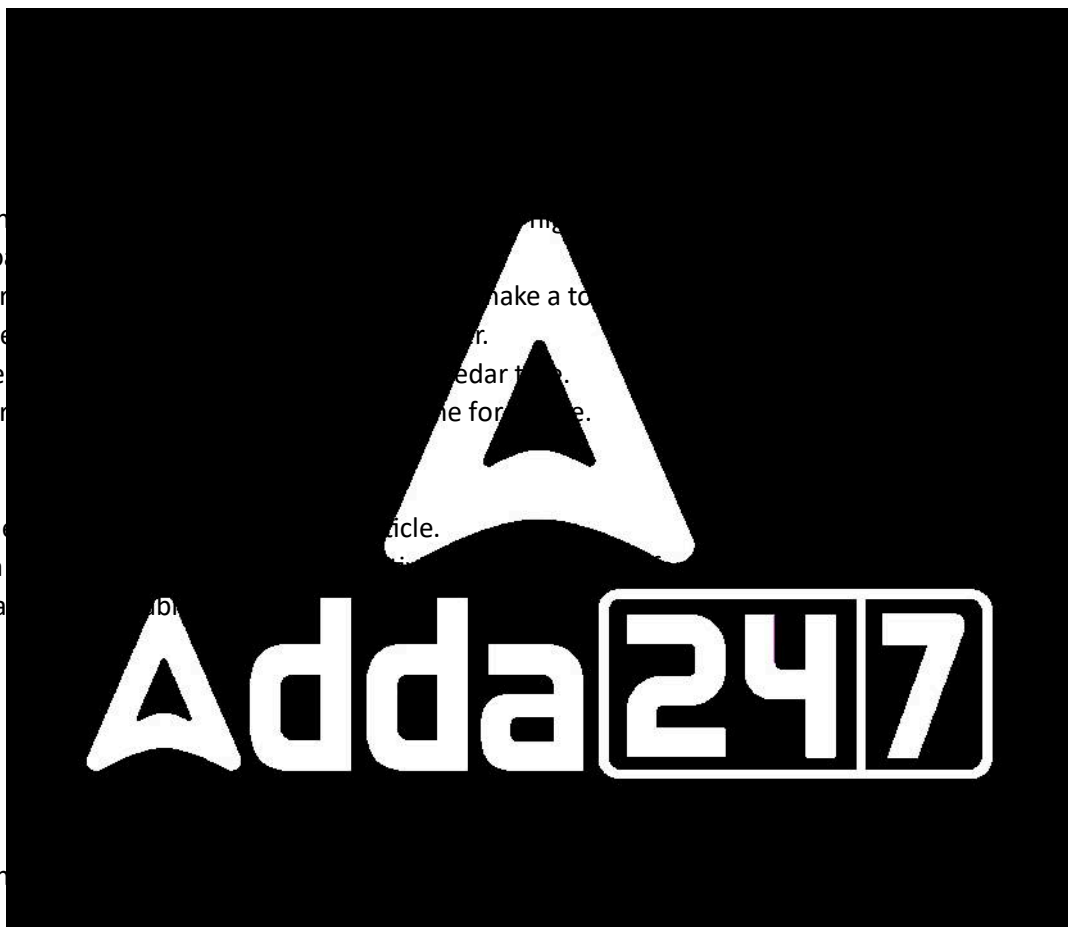
- (a) Aligned
- (b) Orderly
- (c) Askew
- (d) Symmetrical

Ans.(c)

Q84. Choose the correct one-word substitute for: 'A mild or indirect expression substituted for one that might be considered too harsh or blunt when referring to something unpleasant'.

- (a) Aphorism
- (b) Hyperbole
- (c) Euphemism
- (d) Epithet

Ans.(c)



critical thinking

Q85. Choose the most suitable option to replace the highlighted part of the sentence:

The principal instructed the teaching staff to submit their lesson plans by Friday.

- (a) instructed the teaching staff for submitting
- (b) gave instruction to the staff for submitting
- (c) instructed the teaching staff to submit
- (d) instructed to teaching staff to submit

Ans.(c)

Q86. Rearrange the following sentences to form a coherent paragraph:

1. Strategies such as green roofing, urban forestry, and reflective pavements have been proposed to counteract this warming effect.
2. The urban heat island effect causes temperatures in cities to be significantly higher than surrounding rural areas.
3. This thermal effect is exacerbated by the heat absorbed by asphalt and concrete, coupled with the lack of vegetation to provide shade and cooling.
4. Without taking action, the warming effect will continue to worsen, leading to increased energy consumption for cooling and other negative outcomes and impacts.

- (a) 1, 3, 4, 2
- (b) 3, 2, 1, 4
- (c) 2, 3, 1, 4
- (d) 4, 1, 2, 3

Ans.(c)

Q87. Which of the following is the correct form of the word "phenomenon"?

- (a) Phenomol
- (b) Phenomer
- (c) Phenomen
- (d) Fenomend

Ans.(c)

Q88. Choose the correct meaning of the idiom "cut me dead".

- (a) Criticised me
- (b) Terminated me
- (c) Ignored me
- (d) Reduced my salary without warning

Ans.(c)

Q89. What does the author mean by the phrase "existential hedge against planetary catastrophe"?

Read the following passage and answer the questions based on the passage:

The prospect of colonising Mars, long dismissed as the province of science fiction and utopian fantasy, is today the subject of earnest scientific inquiry and substantial corporate investment. The Red Planet, once regarded merely as a distant celestial curiosity, has now become the centrepiece of humanity's interplanetary ambitions. Space agencies and private enterprises alike have announced an array of bold initiatives: NASA's Moon-to-Mars architecture, the European Space Agency's Aurora Programme, and SpaceX's Starship project collectively embody a growing consensus that Martian settlement is not merely conceivable but operationally feasible within this century. Central to these missions is the challenge of sustaining human life across the 54-million-kilometre void—a feat demanding

breakthroughs in propulsion technology, closed-loop life-support systems, and radiation-hardened habitat design. The Martian atmosphere, composed predominantly of carbon dioxide and exerting only about one percent of Earth's atmospheric pressure, renders conventional breathing impossible and exposes settlers to lethal doses of solar and galactic radiation. However, in-situ resource utilisation (ISRU) technology offers a partial remedy: converting Martian CO₂ and subsurface water ice into breathable oxygen and rocket propellant, dramatically reducing the payload burden of Earth-launched supply missions. Governance poses an equally formidable challenge. The 1967 Outer Space Treaty, crafted during the Cold War, explicitly prohibits national appropriation of celestial bodies, yet is conspicuously silent on private property rights and corporate resource extraction—a lacuna that could precipitate jurisdictional disputes as commercial actors intensify their Martian interests. Psychological and physiological tolls of a minimum two-year round trip, including prolonged microgravity exposure and isolation-induced cognitive decline, further compound mission planners' concerns. Yet proponents argue that just as the colonisation of the New World—for all its ethical complexities—irrevocably expanded civilisation's horizons, the settlement of Mars represents an existential hedge against planetary catastrophe and an unprecedented catalyst for scientific discovery. Whether Mars becomes humanity's second home or remains a monument to terrestrial aspiration ultimately depends on the convergence of political will, technological ingenuity, and cross-border cooperation on an unprecedented scale.

- (a) A financial
- (b) A backup for
- (c) A political
- (d) A scientific

Ans.(b)

Q90. According to the passage, the primary function of in-situ resource utilisation (ISRU) technology in Mars missions?

Read the following passage and answer the questions based on the passage. The prospect of Mars, once considered as the province of science fiction, is today the subject of earnest scientific inquiry and substantial commercial investment. A distant celestial body, Mars has become a focal point for global attention.

and private enterprises alike are pouring billions of dollars into Mars exploration. The European Space Agency's Aurora programme and SpaceX's Mars project collectively embody a growing consensus that Martian exploration is not merely a lofty ideal but a practically feasible endeavour. Central to these missions is the challenge of sustaining human life across the 420-kilometre-per-second demanding environment of Mars. This necessitates breakthroughs in propulsion technology, closed-loop life-support systems, and radiation-hardened habitat design. The Martian atmosphere, composed predominantly of carbon dioxide and exerting only about one percent of Earth's atmospheric pressure, renders conventional breathing impossible and exposes settlers to lethal doses of solar and galactic radiation. However, in-situ resource utilisation (ISRU) technology offers a partial remedy: converting Martian CO₂ and subsurface water ice into breathable oxygen and rocket propellant, dramatically reducing the payload burden

of Earth-launched supply missions. Governance poses an equally formidable challenge. The 1967 Outer Space Treaty, crafted during the Cold War, explicitly prohibits national appropriation of celestial bodies, yet is conspicuously silent on private property rights and corporate resource extraction—a lacuna that could precipitate jurisdictional disputes as commercial actors intensify their Martian interests. Psychological and physiological tolls of a minimum two-year round trip, including prolonged microgravity exposure and isolation-induced cognitive decline, further compound mission planners' concerns. Yet proponents argue that just as the colonisation of the New World—for all its ethical complexities—irrevocably expanded civilisation's horizons, the settlement of Mars represents an existential hedge against planetary catastrophe and an unprecedented catalyst for scientific discovery. Whether Mars becomes humanity's second home or remains a monument to terrestrial aspiration ultimately depends on the convergence of political will, technological ingenuity, and cross-border cooperation on an unprecedented scale.

- (a) To construct artificial gravity systems for settlers
- (b) To transmit data faster between Mars and Earth

- (c) To produce breathable oxygen and rocket propellant from Martian resources
(d) To terraform the Martian surface with vegetation

Ans.(c)

Q91. Which of the following is NOT stated as a challenge to Mars colonisation in the passage?

Read the following passage and answer the questions based on the passage:

The prospect of colonising Mars, long dismissed as the province of science fiction and utopian fantasy, is today the subject of earnest scientific inquiry and substantial corporate investment. The Red Planet, once regarded merely as a distant celestial curiosity, has now become the centrepiece of humanity's interplanetary ambitions. Space agencies and private enterprises alike have announced an array of bold initiatives: NASA's Moon-to-Mars architecture, the European Space Agency's Aurora Programme, and SpaceX's Starship project collectively embody a growing consensus that Martian settlement is not merely conceivable but operationally feasible within this century. Central to these missions is the challenge of sustaining human life across the 54-million-kilometre void—a feat demanding breakthroughs in propulsion technology, closed-loop life-support systems, and radiation-hardened habitat design. The Martian atmosphere, composed predominantly of carbon dioxide and exerting only about one percent of Earth's atmospheric pressure, renders conventional breathing impossible and exposes settlers to lethal doses of solar and galactic radiation. However, in-situ resource utilisation (ISRU) technology offers a partial remedy: converting Martian CO₂ and subsurface water ice into breathable oxygen and rocket propellant, dramatically reducing the payload burden of Earth-launched cargo. Legal and ethical considerations also loom large. The Outer Space Treaty, crafted during the Cold War, prohibits national appropriation of celestial bodies, a provision conspicuously silent on private property. As commercial actors vie for dominance, international disputes are inevitable. Psychological and physiological challenges, including isolation and isolation-induced mental health issues, must be addressed for a two-year round trip, including a six-month transit time. The prospect of Mars just as the colonization of all its ethical complexities—against planetary boundaries, the settlement of Mars becomes a potential hedge against planetary catastrophe. The convergence of humanity's scientific ambition and political will, the colonization of Mars becomes a potential hedge against planetary catastrophe.

- (a) Lethal radiation exposure
(b) Absence of breathable atmospheric pressure
(c) Scarcity of water and interest from global governments
(d) Psychological effects of prolonged isolation

Ans.(c)

Q92. What legal

Read the following

The prospect of colonising Mars, long dismissed as the province of science fiction and utopian fantasy, is today the subject of earnest scientific inquiry and substantial corporate investment. The Red Planet, once regarded merely as a distant celestial curiosity, has now become the centrepiece of humanity's interplanetary ambitions. Space agencies and private enterprises alike have announced an array of bold initiatives: NASA's Moon-to-Mars architecture, the European Space Agency's Aurora Programme, and SpaceX's Starship project collectively embody a growing consensus that Martian settlement is not merely conceivable but operationally feasible within this century. Central to these missions is the challenge of sustaining human life across the 54-million-kilometre void—a feat demanding breakthroughs in propulsion technology, closed-loop life-support systems, and radiation-hardened habitat design. The Martian atmosphere, composed predominantly of carbon dioxide and exerting only about one percent of Earth's atmospheric pressure, renders conventional breathing impossible and exposes settlers to lethal doses of solar and galactic radiation. However, in-situ resource utilisation (ISRU) technology offers a partial remedy: converting Martian CO₂ and subsurface water ice into breathable oxygen and rocket propellant, dramatically reducing the payload burden

of Earth-launched supply missions. Governance poses an equally formidable challenge. The 1967 Outer Space Treaty, crafted during the Cold War, explicitly prohibits national appropriation of celestial bodies, yet is conspicuously silent on private property rights and corporate resource extraction—a lacuna that could precipitate jurisdictional disputes as commercial actors intensify their Martian interests. Psychological and physiological tolls of a minimum two-year round trip, including prolonged microgravity exposure and isolation-induced cognitive decline, further compound mission planners' concerns. Yet proponents argue that just as the colonisation of the New World—for all its ethical complexities—irrevocably expanded civilisation's horizons, the settlement of Mars represents an existential hedge against planetary catastrophe and an unprecedented catalyst for scientific discovery. Whether Mars becomes humanity's second home or remains a monument to terrestrial aspiration ultimately depends on the convergence of political will, technological ingenuity, and cross-border cooperation on an unprecedented scale.

- (a) The absence of any treaty governing outer space activities
- (b) The 1967 Outer Space Treaty's silence on private property and corporate resource rights
- (c) A binding U.S.-China agreement on Mars exploration
- (d) Conflicting scientific theories about Mars' habitability

Ans.(b)

Q93. . Which of the following is the best description of the author's attitude towards the prospect of Mars settlement?

Read the following passage and answer the question.

The prospect of Mars settlement, once a mere pipe dream, is today the subject of earnest scientific inquiry and fervent corporate investment. Distant celestial bodies, once relegated to the realm of science fiction, are now a reality. Space agencies and private enterprises are racing to establish a permanent human presence on the Red Planet. The European Space Agency's Mars Sample Return mission, set for launch in 2028, will bring back the first Martian soil to Earth, a feat that will revolutionize our understanding of the planet's geology and potential for life. Meanwhile, SpaceX's Starship, a reusable super-heavy-lift launch vehicle, is being developed to transport humans and cargo to Mars. The company's ambitious plan to establish a self-sustaining colony by 2033 is a testament to the power of private enterprise in space exploration. Proponents of Mars settlement argue that it will provide a backup plan for humanity in the event of a global catastrophe on Earth. They also believe that it will open up new frontiers for scientific discovery and economic growth. However, critics warn that the cost of Mars settlement is prohibitively high, estimated at over \$1 trillion. They also point out the significant challenges of long-distance space travel, including radiation exposure, microgravity, and isolation. Despite these challenges, the dream of Mars settlement remains a powerful force driving innovation and exploration in the 21st century.

complexities—irrevocably expanded civilisation's horizons, the settlement of Mars represents an existential hedge against planetary catastrophe and an unprecedented catalyst for scientific discovery. Whether Mars becomes humanity's second home or remains a monument to terrestrial aspiration ultimately depends on the convergence of political will, technological ingenuity, and cross-border cooperation on an unprecedented scale.

- (a) Dismissive of private enterprises involved in space exploration
- (b) Unconditionally optimistic about imminent Martian settlement
- (c) Cautiously hopeful, acknowledging both progress and persistent obstacles
- (d) Deeply sceptical about the feasibility of any human presence on Mars

Ans.(c)

Q94. 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.

The coach said to the players, "Practise your drills every morning to improve your stamina."

- (a) The coach said the players practise drills every morning.
- (b) The coach told the players to practised their drills every morning to improve their stamina.
- (c) The coach asked the players that they must practise drills every morning.
- (d) The coach advised the players to practise their drills every morning to improve their stamina.

Ans.(d)

Q95. Spot the correct spelling of verbose roundabout speech.

- (a) Circumlocution
- (b) Circumlocution
- (c) Circuumlocution
- (d) Circumlocution

Ans.(d)

Q96. Rearrange

- 1. Regulatory agencies must ensure that any new drug is safe for public use.
- 2. The development of a new drug is an extensive and costly process.
- 3. Clinical trials are conducted to determine the safety and efficacy of the drug.
- 4. Post-approval monitoring is required for any long-term effects on the population.

- (a) 2-1-3-4
- (b) 2-3-1-4
- (c) 3-2-4-1
- (d) 1-2-3-4

Ans.(b)

Q97. Rearrange the following sentences to form a coherent paragraph:

- 1. Establishing a clear accountability mechanism is therefore essential to prevent the misuse of algorithmic decision-making.
- 2. Artificial intelligence is increasingly being deployed across different sectors, including healthcare, finance, and criminal justice.
- 3. When these systems are used without proper oversight, they can lead to significant biases and discrimination.
- 4. The rapid advancement of artificial intelligence has opened up new possibilities for solving complex problems in most jurisdictions.

- (a) 4, 2, 3, 1
- (b) 2, 4, 3, 1
- (c) 1, 3, 4, 2
- (d) 3, 2, 1, 4

Ans.(b)

Q98. Choose the correct meaning of idiom:

Break one's duck

- (a) To withdraw from a competition midway
- (b) Achieve a first success after previous failures
- (c) To cause irreparable damage to a relationship
- (d) To revert to old unproductive habits

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Ans.(b)

Q99. Select the correct option for the Direct Speech conversion of the sentence below.

He remarked that, had the expedition team been better equipped, they might still have reached the summit before nightfall.

- (a) He said, "If the expedition team was better equipped, they may still reach the summit before nightfall."
- (b) He said, "Had the expedition team been better equipped, they must still have reached the summit before nightfall."
- (c) He said, "Had the expedition team been better equipped, they might still have reached the summit before nightfall."
- (d) He said, "If the expedition team had been better equipped, they will still reach the summit before nightfall."

Ans.(c)

Q100. Select the most appropriate antonym of the given word: Lugubrious

- (a) Disconsolate
- (b) Buoyant
- (c) Lachrymose
- (d) Doleful

Ans.(b)

