SSC CGL T-I Similar Paper (Held on 21 Sep 2025 S1) - English

Q1. If PLANE is coded as QMBOF, how is QMBOF coded?
(a) RNCPG
(b) RNCQG
(c) RMCPG
(d) QNCPG
Ans.(a)

Q2. Your colleague makes a mistake in a report. What should you do?
(a) Ignore it
(b) Inform the manager immediately
(c) Help correct it and inform politely
(d) Criticize publicly
Ans.(c)

Q3. If 1 = 2, 2 = 6, 3 = 12, 4 = 20, 5 = 30, 6 = 42. Then 7 = ?
(a) 54
(b) 56
(c) 60
(d) 64
Ans.(b)

Q4. The letters given below when arranged form a meaningful word: LPAEN.
What is the position of letter P from the left?
(a) 1
(b) 2
(c) 3
(d) 4
Ans.(a)

Q5. If in the word COMPUTER, all vowels are removed, which letter will be the 2nd from the right?
(a) M
(b) P
(c) T
(d) R
Ans.(c)

Q6. Identify the correct pair of signs to interchange to make the equation correct:
$24 + 6 \div 3 - 2 \times 5 = 32$
(a) + and -
(b) × and ÷
(c) ÷ and -
(d) × and +
Ans.(a)

Q7. Choose the odd one out.
(a) Kidney
(b) Liver
(c) Heart
(d) Helmet
Ans.(d)

Q8. There are 6 family members P, Q, R, S, T and U. P is the grandfather of T. Q is the daughter of P. R is the husband of Q. S and T are children of R. U is the wife of T. How many males are there?
(a) 2
(b) 3
(c) 4
(d) 5
Ans.(b)

Q9. What is the remainder when 123456789 is divided by 9 ?
(a) 0
(b) 3
(c) 6
(d) 9
Ans.(a)

Q10. What comes next?
AZ, BY, CX, ?
(a) DW
(b) EV
(c) DU
(d) FW
Ans.(a)

Q11. A is C's mother. B is C's brother. D is A's husband. How is D related to B?
(a) Father
(b) Uncle
(c) Grandfather
(d) Cousin
Ans.(a)

Q12. Consider the following statement and choose the option that follows.
Statement:
The prices of petrol have increased sharply.
Inferences:
I. Transportation costs may rise.
II. All people will stop using vehicles.
(a) Only I follows
(b) Only II follows
(c) Both follow
(d) Neither follows
Ans.(a)

Q13. Statement:
1. All teachers are educated.
2. Some educated are writers.
3. No writer is unemployed.
Conclusions:
I. Some teachers are not unemployed.
II. Some writers are educated.
(a) Only I follows
(b) Only II follows
(c) Both I and II follow
(d) Neither I nor II follows
Ans.(b)

Q14. If '+' means '×', '-' means '+', '×' means '-', and '÷' means '÷', then which of the following is correct?
(a) 6 + 3 - 2 = 20
(b) 8 - 2 + 1 = 17
(c) 5 × 3 - 1 = 14
(d) 9 ÷ 3 + 2 = 5
Ans.(a)

Q15. If P is the sister of Q and Q is the father of R, then how is P related to R?
(a) Aunt
(b) Mother
(c) Sister
(d) Cousin
Ans.(a)

Q16. What comes next in the series?
D, H, L, P, ?
(a) R
(b) S
(c) T
(d) U
Ans.(c)

Q17. In a room of 8 people, how many different handshakes are possible if each person shakes hands once with every other?
(a) 21
(b) 24
(c) 28
(d) 32
Ans.(c)

Q18. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series:
ADG, CGI, EJK, GMM, ?
(a) IPQ

(b) IPO
(c) IQO
(d) JPO
Ans.(b)

Q19. Directions: Study the following information to answer the question.
Eight persons A, B, C, D, E, F, G and H live on eight different floors of an 8-storey building (1 to 8 from bottom to top). C lives on 4th floor. A lives above C. E lives immediately below A. G lives on an odd numbered floor. H lives on top floor. B lives two floors below G. F does not live adjacent to C. How many persons live between A and B?
(a) Two
(b) Three
(c) Four
(d) Five
Ans.(c)

Q20. Identify the word that is different.
(a) Nile
(b) Amazon
(c) Pacific
(d) Ganga
Ans.(c)

Q21. What should come at the place of question mark?
3, 7, 15, 31, 63, ?
(a) 95
(b) 127
(c) 111
(d) 123
Ans.(b)

Q22. Choose the address that is the same as the one given below.
Sample Address: Flat 5A, Green Valley Apartments, MG Road, Indore, Madhya Pradesh - 452001
(a) Flat 5A, Green Valley Apartment, MG Road, Indore, Madhya Pradesh - 452001
(b) Flat 5A, Green Valley Apartments, MG Road, Indore, Madhya Pradesh - 452001
(c) Flat 5A, Green Vally Apartments, MG Road, Indore, Madhya Pradesh - 452001
(d) Flat 5B, Green Valley Apartments, MG Road, Indore, Madhya Pradesh - 452001
Ans.(b)

Q23. Identify the pattern.
2, 6, 12, 20, ?
(a) 28
(b) 30
(c) 32
(d) 36
Ans.(b)

Q24. Find the next number in the series: 5, 15, 45, 135, ?, 1215
(a) 405
(b) 375
(c) 450
(d) 415
Ans.(a)

Q25. Replace special characters with mathematical signs as given in options to make it meaningful equation.
8 # 4 $ 2 = 16
(a) ×, +
(b) +, ×
(c) -, ×
(d) ÷, +
Ans.(b)

Q26. Assertion (A): Increase in government spending can raise aggregate demand in the economy.
Reason (R): Government expenditure forms a component of aggregate demand.
(a) Both A and R true and R explains A
(b) Both A and R true but R not explanation
(c) A true but R false
(d) A false but R true
Ans.(a)

Q27. In the Indus Valley Civilization, Lothal was especially famous for:
(a) Dockyard and maritime trade
(b) Stone sculpture workshops
(c) Iron smelting industries
(d) Large agricultural granaries
Ans.(a)

Q28. In the context of disinvestment policy in India, what does 'strategic sale' refer to?
(a) Sale of minority government stake without management transfer
(b) Complete sale with transfer of management control
(c) Leasing of PSU assets to private firms
(d) Conversion of PSU into cooperative
Ans.(b)

Q29. The 'Ambubachi Mela' held at the Kamakhya Temple in Assam is associated with which belief?
(a) The annual menstruation of Goddess Kamakhya
(b) Celebration of the harvest season
(c) Worship of the Sun God during summer solstice
(d) Commemoration of the temple's foundation
Ans.(a)

Q30. Which GovernorGeneral of India introduced the English Education Act of 1835?
(a) Lord William Bentinck
(b) Lord Wellesley
(c) Lord Dalhousie

(d) Lord Ripon
Ans.(a)

Q31. The concept of “agroforestry” primarily refers to:
(a) Cultivation of crops only in forest areas
(b) Integration of trees with crops and livestock systems
(c) Plantation of ornamental plants in cities
(d) Intensive irrigation practices in deserts
Ans.(b)

Q32. In highlevel pole vault competitions, athletes generally use how many steps in their approach run?
(a) 8–10
(b) 12–14
(c) 16–20
(d) 22–26
Ans.(c)

Q33. One major reason for uneven benefits of the Green Revolution in India was:
(a) Absence of agricultural universities
(b) Limited irrigation and infrastructure in some regions
(c) Ban on fertilizer usage
(d) Decline in global wheat demand
Ans.(b)

Q34. The ritual dance ‘Padayani’, performed in temples of Kerala, is traditionally accompanied by which percussion instrument?
(a) Chenda
(b) Mardala
(c) Pung
(d) Khol
Ans.(a)

Q35. Read the statements below and choose the correct option regarding the 37th National Games:
Statement 1: The 37th National Games were held in Goa.
Statement 2: The event involved competitions across multiple venues in the state.
(a) Only Statement 1
(b) Only Statement 2
(c) Both Statement 1 and 2
(d) Neither Statement 1 nor 2
Ans.(c)

Q36. Assertion (A): The Global Competitiveness Index ranks countries based on productivity and competitiveness factors. Reason (R): It evaluates indicators such as infrastructure, innovation and macroeconomic stability.
(a) Both A and R true and R explains A
(b) Both A and R true but R not explanation
(c) A true but R false
(d) A false but R true
Ans.(a)

Q37. Recognition of electronic records in Indian courts is primarily supported by provisions under which law?
(a) The Information Technology Act, 2000
(b) The Prevention of Corruption Act, 1988
(c) The Companies Act, 2013
(d) The Official Secrets Act, 1923
Ans.(a)

Q38. Consider the following statements about early medieval political struggles in northern India:
Statement I: The GurjaraPratiharas, Palas and Rashtrakutas competed for dominance over Kanauj.
Statement II: The Palas were mainly centred in the Bengal region.
Which of the statements given above is/are correct?
(a) Only Statement I
(b) Only Statement II
(c) Both Statement I and II
(d) Neither Statement I nor II
Ans.(c)

Q39. The Chambal river basin is geographically associated with ravine landscapes mainly across which states?
(a) Madhya Pradesh, Uttar Pradesh and Rajasthan
(b) Rajasthan, Gujarat and Haryana
(c) Madhya Pradesh, Maharashtra and Gujarat
(d) Uttar Pradesh, Bihar and Jharkhand
Ans.(a)

Q40. Which optical device uses a convex mirror to provide a wider field of view?
(a) Microscope
(b) Periscope
(c) Rearview mirror of vehicles
(d) Telescope
Ans.(c)

Q41. Which of the following statements about the Finance Commission of India is correct?
A) It is constituted by the President of India.
B) It recommends distribution of tax revenues between Centre and States.
(a) Only A
(b) Only B
(c) Both A and B
(d) Neither A nor B
Ans.(c)

Q42. Which state in India enacted legislation to implement the Uniform Civil Code in 2024?
(a) Uttarakhand
(b) Goa
(c) Himachal Pradesh
(d) Rajasthan
Ans.(a)

Q43. Assertion (A): Cryogenic engines are crucial for launching heavy payloads into geostationary orbit. Reason (R): Cryogenic propellants provide high efficiency and greater thrust performance.
(a) Both A and R are true and R explains A
(b) Both A and R are true but R does not explain A
(c) A true but R false
(d) A false but R true
Ans.(a)

Q44. Fill in the blanks: Under Article 249, the Rajya Sabha can empower Parliament to legislate on subjects in the _____ List.
(a) State
(b) Union
(c) Concurrent
(d) Residuary
Ans.(a)

Q45. Consider the following statements about Biosphere Reserves in India:
1. They aim to conserve biodiversity and promote sustainable development.
2. Nilgiri Biosphere Reserve was the first biosphere reserve established in India.
3. All biosphere reserves are strictly protected with no human activity allowed. Which of the above is/are correct?
(a) 1 and 2 only
(b) 2 and 3 only
(c) 1 and 3 only
(d) 1, 2 and 3
Ans.(a)

Q46. What is the main objective of the International North–South Transport Corridor (INSTC)?
(a) Expansion of military alliances
(b) Development of nuclear energy trade
(c) Facilitation of faster trade between India, Central Asia and Europe
(d) Promotion of tourism in Central Asia
Ans.(c)

Q47. Which of the following statements about India at the 2012 London Olympics is correct? 1. India won six medals in total. 2. Saina Nehwal won a bronze medal in badminton.
(a) Only 1
(b) Only 2
(c) Both 1 and 2
(d) Neither 1 nor 2
Ans.(c)

Q48. Consider the following statements regarding the Red Fort in Delhi:
1. It was commissioned by the Mughal emperor Shah Jahan.
2. The DiwaniAam and DiwaniKhas are located inside the complex.
3. It was constructed during the reign of Aurangzeb.
Which of the statements given above is/are correct?
(a) 1 and 2 only
(b) 2 and 3 only

(c) 1 and 3 only
(d) 1, 2 and 3
Ans.(a)

Q49. Which government programme focuses on providing allweather road connectivity to unconnected habitations in rural India?
(a) Sagarmala Programme
(b) Bharatmala Pariyojana
(c) Pradhan Mantri Gram Sadak Yojana
(d) Smart Cities Mission
Ans.(c)

Q50. Which of the following best describes the central theme of the book The Diary of a Young Girl by Anne Frank?
(a) A historical analysis of World War II military strategies
(b) Personal experiences of a Jewish girl hiding during the Nazi occupation
(c) A fictional story about life in post-war Europe
(d) A biography of political leaders during World War II
Ans.(b)

Q51. The speed of a train is 90 kmph. Find the distance covered by the train in 120 seconds.
(a) 2500 m
(b) 2800 m
(c) 3000 m
(d) 3200 m
Ans.(c)

Q52. What is the compound interest on Rs. 12000 for 2 years at 5% per annum?
(a) 1200
(b) 1230
(c) 1260
(d) 1300
Ans.(b)

Q53. If the ratio of capital of P and Q is 4:5 and the time for which they invested is in the ratio 5:6, then the profit ratio is:
(a) 3:2
(b) 5:6
(c) 4:5
(d) 2:3
Ans.(d)

Q54. If $x = \sqrt{3} + 1$, find $x^2 - 2\sqrt{3}$ = ?
(a) 2
(b) 3
(c) 4
(d) 5
Ans.(c)

Q55. A certain sum becomes 5 times itself in 12 years at simple interest. In how many years will it become 9 times itself at the same rate?
(a) 20 years
(b) 22 years
(c) 24 years
(d) 26 years
Ans.(c)

Q56. If $\cos A$ = 5/13 and A is acute, find $\tan(90^\circ - A)$.
(a) 12/5
(b) 5/12
(c) 13/12
(d) 12/13
Ans.(b)

Q57. A right prism has a base in the shape of a trapezium with parallel sides 12 cm and 8 cm, and height 5 cm. If the prism height is 20 cm, what is the volume?
(a) 800 cm³
(b) 900 cm³
(c) 1000 cm³
(d) 1200 cm³
Ans.(c)

Q58. If the measure of an exterior angle of a regular polygon is 24°, determine the total number of its sides.
(a) 12
(b) 20
(c) 18
(d) 15
Ans.(d)

Q59. If $y = mx - 2$ passes through (3,7), find m.
(a) 2
(b) 3
(c) 4
(d) 5
Ans.(b)

Q60. The average of a group of 9 numbers is 45. If the first five numbers have an average of 42 and the last five numbers have an average of 49, what is the fifth number?
(a) 48
(b) 50
(c) 52
(d) 54
Ans.(b)

Q61. A triangle has sides 12 cm and 16 cm, and the angle between them is 150°. What is its area?
(a) 48 cm²
(b) 96 cm²
(c) $48\sqrt{3}cm^2$
(d) $96\sqrt{3}cm^2$
Ans.(a)

Q62. A man spends 75% of his income. His income has increased by 20%, but his expenditure remains the same. By what percent have his savings increased?
(a) 60%
(b) 75%
(c) 80%
(d) 100%
Ans.(c)

Q63. What is the smallest number that must be added to 3100 to make it a perfect square?
(a) 25
(b) 36
(c) 49
(d) 64
Ans.(b)

Q64. Prakash can complete a work in 20 days. In how many days will the work be completed by Rahul, if his efficiency is 25% more than that of Prakash?
(a) 12 days
(b) 15 days
(c) 16 days
(d) 18 days
Ans.(c)

Q65. If $\sin\ \theta - \cos\ \theta = 0$ for an acute angle θ, then find the value of $\sin^4\theta + \cos^4\theta$.
(a) 1
(b) 1/2
(c) 3/4
(d) 1/4
Ans.(b)

Q66. Consider a right trapezoidal field. Its two parallel sides are 40 meters and 60 meters long. One of its non-parallel sides, which acts as the height, measures 25 meters. What is the area of this field?
(a) 1200 square meters
(b) 1250 square meters
(c) 1300 square meters
(d) 1350 square meters
Ans.(b)

Q67. In △ PQR, a median PM is drawn to side QR. What is the ratio of the area of △ PQM to the area of △ PQR?
(a) 1:1
(b) 1:2
(c) 2:1
(d) 1:3
Ans.(b)

Q68. A hexagon is drawn inside a circle with a radius of 14 cm. Determine the approximate area of the hexagon.
(a) 495 cm^2
(b) 535 cm^2
(c) 520 cm^2
(d) 509 cm^2
Ans.(d)

Q69. If sin B = 0.8 and cos B = 0.6, what is tan B?
(a) 1.25
(b) 1.33
(c) 0.75
(d) 0.80
Ans.(b)

Q70. In a triangle with vertices A(x, y), B(6, –2), and C(3, 8), the Centroid is at G(5, 3). What are the coordinates of vertex A?
(a) (5, 2)
(b) (6, 3)
(c) (7, 4)
(d) (8, 5)
Ans.(b)

Q71. A vendor prepares 50 liters of a mixture by combining two liquids 'X' and 'Y' in the ratio 3:2. If the cost of 'X' is Rs. 60/liter and 'Y' is Rs. 40/liter, what is the average cost per liter of the final solution?
(a) Rs. 48
(b) Rs. 50
(c) Rs. 52
(d) Rs. 54
Ans.(c)

Q72. A factory manufactured 4000 electronic gadgets at a total cost of ₹200,000. They gave away 400 gadgets for free as part of a promotional campaign. For the remaining items, they offered a 20% discount on the market price of ₹100 per gadget. Additionally, they introduced a scheme giving one gadget free with every 8 gadgets bought. If all 4000 gadgets were distributed, what is their overall gain or loss percentage?
(a) 28% profit
(b) 25% profit
(c) 28% loss
(d) 25% loss
Ans.(a)

Q73. A village has males and females in a ratio of 4:3. After a few years, the male population increases by 15%, and the female population by 20%. What is the new ratio?
(a) 23:18
(b) 22:17
(c) 24:19
(d) 21:16
Ans.(a)

Q74. A company designs a new decorative box in the shape of a regular right pyramid with a square base. The base side of the box is 15 cm and its height is 16 cm. Due to inner padding, the box can only be filled up to 80% of its total volume. If the company wants to estimate the total cost of filling material, knowing that 1 cm^3 of material costs ₹0.25, what is the cost of filling one such box?
(a) ₹220
(b) ₹280
(c) ₹260
(d) ₹240
Ans.(d)

Q75. Which of the following is a perfect square and an Integer?
(a) Square root of 6
(b) Square root of 16
(c) 4.2
(d) 4.6
Ans.(b)

Q76. Select the most appropriate synonym of the given word: GRUMPY
(a) Irritable
(b) Friendly
(c) Polite
(d) Calm
Ans.(a)

Q77. 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, "The seminar will commence at 10 a.m."
(a) He said it may commence at 10 a.m.
(b) He said it might commence at 10 a.m.
(c) He said it will commence at 10 a.m.
(d) He said it commenced at 10 a.m.
Ans.(b)

Q78. Rearrange the following sentences in correct order to make a logical passage:
1. Artificial intelligence (AI) facilitates predictive analytics for businesses.
2. It processes massive amounts of data to uncover trends and patterns.
3. Companies leverage AI tools to enhance decision-making and efficiency.
4. AI adoption is growing rapidly across industries worldwide.
(a) 4-1-3-2

(b) 4-2-1-3

(c) 2-3-4-1

(d) 1-2-3-4
Ans.(b)

Q79. Select the sentence containing the homonym of the highlighted word:
The senator's tenure in office was marked by reform initiatives.
(a) She celebrated her tenure at the law firm after 20 years.
(b) The farm's tenure arrangements were revised by the landowner.
(c) The professor's tenure track position ensured job security.
(d) The artist depicted the tenure of suffering in his sculpture.
Ans.(b)

Q80. Choose the correct meaning of idiom: To draw the long bow
(a) To romanticize historical events
(b) To fabricate or exaggerate with little credibility
(c) To delay justice deliberately
(d) To conflate myth with realism
Ans.(b)

Q81. Select the correct option:
_____ the enormity of the task, the researchers persevered.
(a) Given
(b) Because
(c) For
(d) Granted
Ans.(a)

Q82. Choose the most suitable option to replace the highlighted part of the sentence:
He is proficient in speaking Spanish.
(a) in speaking
(b) at speaking
(c) with speaking
(d) on speaking
Ans.(b)

Q83. Which spelling is correct for a word meaning "a formal agreement between nations"?
(a) Treaty
(b) Trety
(c) Treety
(d) Tretye
Ans.(a)

Q84. Choose the correct one-word substitute for: 'A record of one's own life written by oneself'.
(a) Chronicle
(b) Memorandum
(c) Autobiography
(d) Journal
Ans.(c)

Q85. Find the word that is spelled correctly and refers to complex and obscure knowledge.
(a) Esoterica
(b) Esoterries
(c) Esottiria
(d) Esotorica
Ans.(a)

Q86. Convert the sentence provided below from passive to active voice:
The results were assumed to have been manipulated before publication.
(a) It is assumed that someone had manipulated the results before publication.
(b) The researchers assumed the results to be manipulated.
(c) The results had been manipulated, the researchers assumed.
(d) Manipulation of results was assumed to occur.
Ans.(a)

Q87. Find the part of the sentence that contains an error:
Despite clear evidence of mismanagement, the officials (1)/ were failing to implement corrective measures (2)/ in accordance with regulatory mandates (3)/ and public accountability standards. (4)
(a) (1)
(b) (2)
(c) (3)
(d) (4)
Ans.(b)

Q88. Find the part of the sentence that contains an error:
The committee's recommendations on climate policy (1)/ has been considered by multiple governments (2)/ as overly ambitious and impractical (3)/ in certain contexts. (4)
(a) (1)
(b) (2)
(c) (3)
(d) (4)
Ans.(b)

Q89. Change the following from active to passive:
They will have inaugurated the metro line by next year.
(a) The metro line will have been inaugurated by next year.
(b) The metro line will be inaugurated by next year.
(c) The metro line has been inaugurated by next year.
(d) The metro line will being inaugurated by next year.
Ans.(a)

Q90. Choose the correct one-word substitution:
Ravi has always been a person who vehemently opposes authority, control, or tradition.
(a) Conformist
(b) Anarchist
(c) Optimist
(d) Traditionalist
Ans.(b)

Q91. Choose the correct meaning of idiom: Eat crow
(a) Enjoy luxurious food
(b) Give lavish charity
(c) Suffer physical punishment
(d) Admit one's error and endure humiliation
Ans.(d)

Q92. A sentence is provided in indirect speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding direct speech:
The supervisor observed that the team had successfully completed the project despite multiple unforeseen challenges.
(a) The supervisor said, "The team successfully completes the project despite multiple unforeseen challenges."
(b) The supervisor said, "The team had successfully completed the project despite multiple unforeseen challenges."
(c) The supervisor remarked, "The team completes the project successfully despite challenges."
(d) The supervisor said, "The team has successfully completed the project without any challenges."
Ans.(b)

Q93. Identify the sentence from the passage which is in the passive voice:
Read the passage given below and answer the questions that follow:
The metamorphosis of a moth exemplifies one of nature's most intricate and fascinating biological transitions. The life cycle commences with the deposition of delicate eggs, typically concealed along the veins of leaves, ensuring immediate sustenance once they hatch.
Upon emergence, the larva—or caterpillar—enters a stage of persistent consumption, voraciously feeding on plant matter to accelerate its growth. Throughout this period, it experiences successive molts, discarding its inflexible exoskeleton to accommodate its enlarging structure. This intense feeding phase is indispensable for accumulating the energy necessary for the forthcoming metamorphosis.
The progression into the pupal stage, enclosed within a chrysalis, represents an extraordinary biological transformation. Within this enclosure, the caterpillar’s tissues are methodically dismantled and reorganized into entirely new anatomical structures; wings, antennae, and compound eyes develop through a refined mechanism termed histogenesis.
After this concealed reconstruction concludes, the adult moth emerges, its fragile wings requiring expansion with hemolymph and sufficient drying before flight can occur. Once airborne, the moth’s existence is primarily devoted to reproduction, thereby ensuring the continuation of the species before its ephemeral lifespan ends.
Although frequently idealized, the moth’s life cycle illustrates a demanding narrative of adaptation, endurance, and evolutionary precision, providing profound insight into ecological equilibrium.
(a) The larva consumes plant matter voraciously.
(b) The adult moth emerges from the chrysalis.
(c) The caterpillar’s tissues are methodically dismantled.
(d) The moth expands its wings.
Ans.(c)

Q94. Which sentence contains a relative clause?

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Although frequently idealized, the moth's life cycle illustrates a demanding narrative of adaptation, endurance, and evolutionary precision, providing profound insight into ecological equilibrium.

(a) Eggs are hidden beneath leaf surfaces.

(b) The larva consumes foliage rapidly.

(c) The moth, which emerges after transformation, prepares for flight.

(d) Wings require drying before use.

Ans.(c)

Q95. Which word from the passage is derived by adding a Greek-origin suffix meaning "formation" or "origin"?

Read the passage given below and answer the questions that follow:

The metamorphosis of a moth exemplifies one of nature's most intricate and fascinating biological transitions. The life cycle commences with the deposition of delicate eggs, typically concealed along the veins of leaves, ensuring immediate sustenance once they hatch.

Upon emergence, the larva—or caterpillar—enters a stage of persistent consumption, voraciously feeding on plant matter to accelerate its growth. Throughout this period, it experiences successive molts, discarding its inflexible exoskeleton to accommodate its enlarging structure. This intense feeding phase is indispensable for accumulating the energy necessary for the forthcoming metamorphosis.

The progression into the pupal stage, enclosed within a chrysalis, represents an extraordinary biological transformation. Within this enclosure, the caterpillar's tissues are methodically dismantled and reorganized into entirely new anatomical structures; wings, antennae, and compound eyes develop through a refined mechanism termed histogenesis.

After this concealed reconstruction concludes, the adult moth emerges, its fragile wings requiring expansion with hemolymph and sufficient drying before flight can occur. Once airborne, the moth's existence is primarily devoted to reproduction, thereby ensuring the continuation of the species before its ephemeral lifespan ends.

Although frequently idealized, the moth's life cycle illustrates a demanding narrative of adaptation, endurance, and evolutionary precision, providing profound insight into ecological equilibrium.

(a) Metamorphosis

(b) Chrysalis

(c) Hemolymph

(d) Histogenesis

Ans.(d)

Q96. According to the passage, what crucial biological activity occurs within the chrysalis?

Read the passage given below and answer the questions that follow:

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(a) Strengthening of the exoskeleton

(b) Reorganization of tissues through histogenesis

(c) Increased consumption of leaves

(d) Immediate preparation for reproduction

Ans.(b)

Q97. . In the passage, the word "ephemeral" most nearly means:

Read the passage given below and answer the questions that follow:

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Upon emergence, the larva—or caterpillar—enters a stage of persistent consumption, voraciously feeding on plant matter to accelerate its growth. Throughout this period, it experiences successive molts, discarding its inflexible exoskeleton to accommodate its enlarging structure. This intense feeding phase is indispensable for accumulating the energy necessary for the forthcoming metamorphosis.

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(a) Everlasting

(b) Transient

(c) Fragile

(d) Powerful

Ans.(b)

Q98. Select the most appropriate antonym of the given word: Transitory
(a) Fleeting
(b) Temporary
(c) Momentary
(d) Permanent
Ans.(d)

Q99. Fill in the blank with the correctly spelt word:
Despite repeated warnings, she remained _____ in her convictions.
(a) obstinatte
(b) obsteinate
(c) obstinate
(d) obbstinate
Ans.(c)

Q100. Rearrange the following sentences to form a coherent paragraph:
1. The human circulatory system, an intricate network comprising the heart, blood vessels, and circulating blood, is fundamental to sustaining life.
2. At the center of this system, the heart functions as a highly efficient pump, propelling blood through arteries, veins, and capillaries to reach every tissue and organ.
3. This continuous and coordinated movement ensures that oxygen and essential nutrients are delivered to cells, while carbon dioxide and metabolic waste products are efficiently removed.
4. The interplay between cardiac output, vascular resistance, and blood volume exemplifies the remarkable precision and regulatory mechanisms inherent in human physiology.
(a) 1,2,3,4
(b) 2,1,4,3
(c) 1,4,2,3
(d) 3,2,1,4
Ans.(a)