

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) RNC PG
- (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
- (d) Criticize publicly

Ans.(c)

Q3. If $1 = 2$, $2 = 3$

- (a) 54
- (b) 56
- (c) 60
- (d) 64

Ans.(b)

Q4. The letter _____ is not a meaningful word:

What is the possible word?

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

Ans.(a)

Q5. If in the word "MATHS", the first letter is moved to the end, the new word 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) $\times$ and $\div$
- (c) $\div$ and -
- (d) $\times$ and +

Ans.(a)



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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

- (a) 0
- (b) 3
- (c) 6
- (d) 9

Ans.(a)

Q10. What comes

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 C?

- (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

- (a) $6 + 3 - 2 =$
- (b) $8 - 2 + 1 =$
- (c) $5 \times 3 - 1 =$
- (d) $9 \div 3 + 2 =$

Ans.(a)

Q15. If P is the mother of Q, then how is P related to Q?

- (a) Aunt
- (b) Mother
- (c) Sister
- (d) Cousin

Ans.(a)

Q16. What comes in the place of ?

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

- (a) Nile
- (b) Amazon
- (c) Pacific
- (d) Ganga

Ans.(c)

Q21. What should come in the place of the 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, New Road, Indore, Madhya Pradesh 462015

- (a) Flat 5A, Green Valley Apartments, New Road, Indore, Madhya Pradesh 462015
- (b) Flat 5A, Green Valley Apartments, New Road, Indore, Madhya Pradesh 462015
- (c) Flat 5A, Green Valley Apartments, New Road, Indore, Madhya Pradesh 462015
- (d) Flat 5B, Green Valley Apartments, New Road, Indore, Madhya Pradesh 462015

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) $\times, +$
- (b) $+, \times$
- (c) $-, \times$
- (d) $\div, +$

Ans.(b)

Q26. Assertion

Reason (R): Go

- (a) Both A and R are true
- (b) Both A and R are false
- (c) A true but R is false
- (d) A false but R is true

Ans.(a)

Q27. In the Iron Age, which of the following was not specially famous for

- (a) Dockyard and shipbuilding
- (b) Stone sculpture
- (c) Iron smelting
- (d) Large agricultural land

Ans.(a)

Q28. In the context of disinvestment policy in India, what does strategic divestiture refer to?

- (a) Sale of minority stake with no management transition
- (b) Complete sale of the company
- (c) Leasing of the company
- (d) Conversion of the company into a public limited company

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 Governor-General 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

- (a) Absence of
- (b) Limited irr
- (c) Ban on fert
- (d) Decline in

Ans.(b)

Q34. The ritu

instrument?

- (a) Chenda
- (b) Mardala
- (c) Pung
- (d) Khol

Ans.(a)

Q35. Read the

Statement 1: T

Statement 2: T

- (a) Only State

(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 Charola temple is associated with which of the following states?

- (a) Madhya Pradesh
- (b) Rajasthan
- (c) Madhya Pradesh
- (d) Uttar Pradesh

Ans.(a)

Q40. Which of the following is used to provide a wider field of view?

- (a) Microscope
- (b) Periscope
- (c) Rearview mirror in a vehicle
- (d) Telescope

Ans.(c)

Q41. Which of the following is correct?

- A) It is constituted by the President and the Vice President
- B) It recommends the President to appoint and dismiss the Vice President

- (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

1. They aim to abate the adverse effects of climate change.
 2. Nilgiri Biosphere Reserve is a World Heritage Site.
 3. All biosphere reserves are human dominated.
- (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

- (a) Expansion of the Silk Road Initiative
- (b) Development of the Silk Road Initiative
- (c) Facilitation of trade between India, Central Asia and Europe
- (d) Promotion of tourism in Central Asia

Ans.(c)

Q47. Which of the following is/are correct? 1. India has won six medals in total. 2. Saudi Arabia has won six medals.

- (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 is a historical novel by John G. Le Carré?

- (a) A historical novel
(b) Personal experience
(c) A fictional story
(d) A biography

Ans.(b)

Q51. The speed of light is approximately 300,000 km/s. How far does light travel in 10 seconds?

- (a) 2500 m
(b) 2800 m
(c) 3000 m
(d) 3200 m

Ans.(c)

Q52. What is the value of $\sin^{-1}(\frac{1}{2})$?

- (a) 1200
(b) 1230
(c) 1260
(d) 1300

Ans.(b)

Q53. If the ratio of cost price to selling price is 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 of 10 cm by 10 cm and a height of 5 cm. If the volume is V cm³, find V .

- (a) 800 cm^3
- (b) 900 cm^3
- (c) 1000 cm^3
- (d) 1200 cm^3

Ans.(c)

Q58. If the measure of each interior angle of a regular polygon is 24° , determine the number of sides.

- (a) 12
- (b) 20
- (c) 18
- (d) 15

Ans.(d)

Q59. If $\$y = m$ and $\$x = n$, 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 cm^2
- (b) 96 cm^2
- (c) $48\sqrt{3} \text{ cm}^2$
- (d) $96\sqrt{3} \text{ cm}^2$

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

- (a) 25
- (b) 36
- (c) 49
- (d) 64

Ans.(b)

Q64. Prakash is 25% more efficient than Mohan. How many days will he take to finish a work which Mohan can finish in 40 days?

- (a) 12 days
- (b) 15 days
- (c) 16 days
- (d) 18 days

Ans.(c)

Q65. If $\sin \theta = 0$ for an acute angle θ , then find the value of $\sin \theta$.

- (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 $\triangle PQR$, a median PM is drawn to side QR . What is the ratio of the area of $\triangle PQM$ to the area of $\triangle PQR$?

- (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 $\sin B =$

- (a) 1.25
- (b) 1.33
- (c) 0.75
- (d) 0.80

Ans.(b)

Q70. In a triangle ABC , the coordinates of vertex A are $(1, 3)$ and $C(3, 1)$, the coordinates of vertex B are $(4, 5)$.

- (a) (5, 2)
- (b) (6, 3)
- (c) (7, 4)
- (d) (8, 5)

Ans.(b)

Q71. A vendor has 50 liters of a mixture composed of two liquids 'X' and 'Y' in the ratio 3:2. The cost of 'X' is Rs. 60/liter and 'Y' is Rs. 40/liter, what is the average cost per liter of the mixture?

- (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 cm³ 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 an integer?

- (a) Square root of 2
- (b) Square root of 4
- (c) 4.2
- (d) 4.6

Ans.(b)

Q76. Select the word that is opposite in meaning to the given word: GRUMPY

- (a) Irritable
- (b) Friendly
- (c) Polite
- (d) Calm

Ans.(a)

Q77. A sentence is said to be in indirect speech if it conveys the meaning of the sentence in a different way. Which of the following sentences is in indirect speech?

- (a) He said, "The meeting will 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's tenure in the city was marked by his work.

Ans.(b)

Q80. Choose the most suitable option to replace the highlighted part of the sentence.

(a) To romanticize

(b) To fabricate

(c) To delay judgment

(d) To conflate

Ans.(b)

Q81. Select the most suitable option to replace the highlighted part of the sentence.

_____ to the teachers' perseverance.

(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 in Hindi.

(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 results were assumed.

- (a) It is assumed
- (b) The research was assumed
- (c) The results were assumed
- (d) Manipulated

Ans.(a)

Q87. Find the

Despite clear evidence of an error, the officers (1) were not held responsible. Measures (2)/ in accordance with the law were taken to ensure public accountability.

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

Ans.(b)

Q88. Find the sentence that contains an error:

The committee was composed of members who were (1) ambitious and (2) as overly (3) as the government officials (4) were not held responsible.

- (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 mistake

Ans.(d)

Q92. A sentence that conveys the same meaning as the given sentence is the most accurately conveys the same meaning as the given sentence.

- The supervisor completed the project successfully despite the challenges.
- (a) The supervisor completed the project successfully despite the challenges.
 - (b) The supervisor completed the project successfully despite the challenges.
 - (c) The supervisor completed the project successfully despite the challenges.
 - (d) The supervisor completed the project successfully despite the challenges.

Ans.(b)

Q93. Identify the sentence which is in the passive voice. Read the passage and answer the question that follows:

The metamorphosis of a moth is a fascinating process. The life cycle commences with the egg stage, where the larva feeds voraciously on plant matter, ensuring immediate sustenance for its growth. Upon emergence, the caterpillar enters a phase of consistent consumption, gradually accumulating energy reserves. Throughout this period, it experiences successive molts, shedding its inflexible exoskeleton to accommodate its enlarging structure. This intense feeding process is crucial for accumulating the energy necessary for the subsequent stages. The progression continues as the caterpillar transforms into a pupa, where biological processes are organized into a complex and methodical 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?

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) Eggs are hidden along the veins of leaves, ensuring immediate sustenance once they hatch.
- (b) The larva enters a stage of persistent consumption, voraciously feeding on plant matter to accelerate its growth.
- (c) The moth, once airborne, exists primarily to reproduce before its short life ends.
- (d) Wings require expansion and drying before flight can occur.

Ans.(c)

Q95. Which word in the passage is derived from a Greek origin meaning "change of form or structure"?

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:

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.

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- (a) Strengthening of tissues
- (b) Reorganization of structures
- (c) Increased energy consumption
- (d) Immediate emergence

Ans.(b)

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

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.

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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) Everlasting
- (b) Transient
- (c) Fragile
- (d) Powerful

Ans.(b)

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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) obstinate
- (b) obsteinate
- (c) obstinate
- (d) obbstinate

Ans.(c)

Q100. Rearrange the following sentences in a logical order.

1. The human circulatory system, which transports blood, is fundamental to the survival of all animals.
2. At the center of this system is the heart, which pumps highly oxygenated blood through arteries, veins, and capillaries.
3. This continuous flow of blood ensures that oxygen and nutrients are delivered to cells, while carbon dioxide and waste products are removed.
4. The interplay of these components allows for the precise regulation of blood flow and pressure, ensuring optimal physiological function.

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

Ans.(a)

