

Logical Reasoning

Q1. Based on the given statement, two conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $C < D \leq E \geq B, B > D$

Conclusions:

$B > C$

$E < D$

(A) Neither conclusion 1 nor 2 is true

(B) Only conclusion 2 is true

(C) Only conclusion 1 is true

(D) Both conclusions 1 and 2 are true

Algebra

Q2. If $(x + 1/x) = k$, find the value of $x^3 + 1/x^3$.

(A) $3k - k^3$

(B) $k^3 - 3k$

(C) k^3

(D) $k^3 + 3k$

Number Series

Q3. If each of the digits in the number given below is arranged in descending order from left to right, what will be the product of the digits that are third from the left and fourth from the right in the new number thus formed?

(Left) 521987624 (Right)

(A) 35

(B) 28

(C) 36

(D) 21

Logical Reasoning

Q4. A certain number of people are sitting in a row, facing north. P is to the immediate left of T. Only one person sits between G and D. G is to the left of D. H is fifth to the left of G. K is to the immediate right of D. P is third to the right of K. If no other person is sitting in the row, what is the total number of persons seated?

(A) 13

(B) 11

(C) 10

(D) 12

Physics

Q5. The direction of a magnetic field due to a straight current-carrying conductor can be determined using:

(A) Fleming's left-hand rule

(B) right-hand thumb rule

(C) left-hand thumb rule

(D) Fleming's right-hand rule

Number Analogy

Q6. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(11, 57, 8)

(12, 63, 9)

(A) (15, 75, 7)

(B) (10, 64, 6)

(C) (12, 54, 11)

(D) (12, 45, 8)

Coding-Decoding

Q7. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

FAST: JDUU :: SLOW: WOQX :: JUMP: ?

(A) NOXQ

(B) QXON

(C) NXOQ

(D) XNOQ

Trigonometry

Q8. The value of $(\sin^2 10^\circ + \sin^2 20^\circ + \sin^2 30^\circ + \sin^2 40^\circ + \sin^2 50^\circ + \sin^2 60^\circ + \sin^2 70^\circ + \sin^2 80^\circ + \sin^2 90^\circ) / (\cos^2 20^\circ + \cos^2 40^\circ + \cos^2 50^\circ + \cos^2 70^\circ + \cot^2 45^\circ)$ is:

(A) 3/4

(B) 5/3

(C) 6/5

(D) 4/3

Current Affairs

Q9. Every year, 'Parakram Divas' is celebrated on the birth anniversary of which Indian Nationalist?

- (A) Rani Lakshmi Bai**
- (B) Bhagat Singh**
- (C) Lala Lajpat Rai**
- (D) Netaji Subhash Chandra Bose**

Chemistry

Q10. Which of the following elements shows maximum valence electrons?

- (A) F**
- (B) Al**
- (C) H**
- (D) Na**

Logical Reasoning

Q11. Three statements are given, followed by three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follows from the given statements.

Statements:

- I. All chairs are desks.**
- II. All desks are chalks.**
- III. All chalks are boards.**

Conclusions:

I. Some boards are desks.

II. Some chalks are chairs.

III. Some boards are chairs.

(A) Conclusion I and III follow

(B) Conclusion II and III follow

(C) Conclusions I and II follow

(D) All the conclusions follow

Data Interpretation

Q12. The following chart shows the percentage of students enrolled in different streams in a university. The total number of students enrolled in the university is 15200. Study the chart and answer the question. How many students are enrolled in Medical, Engineering and Law streams taken together?

(A) 4680

(B) 5320

(C) 5420

(D) 5210

Algebra

Q13. The equation $x^2 + 7x + 6 = 0$ can be written as:

(A) $(x-1)(x-6) = 0$

(B) $(x+1)(x+6) = 0$

(C) $(x-1)(x+6) = 0$

(D) $(x+1)(x-6) = 0$

Mensuration

Q14. The volume of a cylinder is 5500 m^3 . Find its diameter if the cylinder is 70 m high.

- (A) 10 m
- (B) 8 m
- (C) 5 m
- (D) 12 m

Data Interpretation

Q15. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. Which of the following statements is correct on the basis of the above diagram?

- (A) The number of coffee lovers who are both graduates and soldiers is 90.
- (B) The number of graduates who are also coffee lovers but not soldiers is 65.
- (C) The number of soldiers who are neither coffee lovers nor graduates is 193.
- (D) The number of soldiers who are also coffee lovers is 27.

Number Systems

Q16. The equivalent fraction of $4.2222\dots$ is:

- (A) $\frac{38}{100}$
- (B) $\frac{38}{9}$
- (C) $\frac{42}{99}$

(D) 422/99

Geography

Q17. Geomorphology, the branch of Physical Geography is devoted to the study of which of the following fields?

- (A) Study of soil**
- (B) Study of water**
- (C) Study of landforms**
- (D) Study of atmosphere**

Chemistry

Q18. Consider the below statements and identify the correct answer.

Statement-I: On heating, the surface of copper powder becomes coated with black copper (II) oxide.

Statement-II: If hydrogen gas is passed over this heated material (CuO), the black coating on the surface turns brown.

- (A) Both the statements are false.**
- (B) Statement-I is true, and statement-II is false.**
- (C) Statement-I is false, and statement-II is true.**
- (D) Both the statements are true.**

Current Affairs

Q19. In March 2022, which state government presented a "Children's Budget" for the first time as part of its annual financial plan?

- (A) Himachal Pradesh**
- (B) Andhra Pradesh**

(C) Uttar Pradesh

(D) Madhya Pradesh

Physics

Q20. Which of the following devices is/are based on the heating effect of electric current?

(i) Incandescent lamp

(ii) Electric geyser

(iii) Electric generator

(A) Only (i)

(B) Only (ii)

(C) Both (i) and (ii)

(D) Both (i) and (iii)

Logical Reasoning

Q21. Seven surgeons, W, X, Y, Z, A, B and C, were sitting around a square table, facing the centre. Four of them are sitting at the corners while three are sitting at the exact centre of the sides. One of the centres of the sides was empty. C, at one of the corners, was immediately next to both B and Y. Z was immediately next to both B and X. A was at the immediate right of X. Which surgeon was third to the right of W?

(A) X

(B) C

(C) B

(D) Y

Ratio and Proportion

Q22. Two numbers are in the ratio 5:3. If the difference between the numbers is 54, then find the smaller number.

- (A) 91
- (B) 135
- (C) 81
- (D) 115

Algebra

Q23. Simplify $3x(x-6) + x(4x/2) + 15 - 12$.

- (A) $2x^2 + 6x - 3$
- (B) $2x^2 + 9x + 3$
- (C) $2x^2 + 9x + 6$
- (D) $2x^2 + 9x - 3$

Profit and Loss

Q24. A shop which sells sarees had offers going on wherein customers could buy 3 sarees and get 2 free. What is the discount that the customer gets?

- (A) 40%
- (B) 50%
- (C) 60%
- (D) 30%

Work and Time

Q25. 51 men can complete a work in 12 days. Four days after they started working, 6 more men joined them. How many days will they now take to complete the remaining work?

- (A) 8 days**
- (B) $5 \frac{9}{19}$ days**
- (C) $7 \frac{3}{19}$ days**
- (D) $6 \frac{7}{19}$ days**

Chemistry

Q26. Five solutions A, B, C, D and E, when tested with universal indicator, showed pH as 4, 1, 11, 7 and 9, respectively. The pH in increasing order of H^+ ion concentration for these solutions is:

- (A) $C < D < E < B < A$**
- (B) $C < D < E < A < B$**
- (C) $C < E < D < A < B$**
- (D) $D < C < E < A < B$**

Number Series

Q27. Which of the following numbers will replace the question mark (?) in the given series?

8, 9, 20, 63, 256, ?

- (A) 1286**
- (B) 1284**
- (C) 1280**
- (D) 1285**

Environmental Science

Q28. Which aspect of large dams has NOT been criticised?

- (A) Psychological**
- (B) Social**
- (C) Environmental**
- (D) Economic**

Number Systems

Q29. The sum of double of the largest two-digit prime number and triple of the largest three-digit prime number is equal to:

- (A) 3185**
- (B) 3029**
- (C) 2195**
- (D) 6523**

Geometry

Q30. Which of the following is NOT a true statement?

- (A) All rectangles are parallelograms.**
- (B) Diagonals of a rectangle do not bisect each other.**
- (C) Opposite sides of a rectangle are congruent and parallel.**
- (D) Sum of any pair of adjacent angles of a rectangle is 180° .**

Chemistry

Q31. To cook some foods faster we can use _____.

- (A) bleaching powder**

- (B) sodium chloride**
- (C) baking powder**
- (D) ammonium chloride**

Number Analogy

Q32. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(36, 78, 13)

(121, 77, 7)

(A) (49, 63, 9)

(B) (36, 72, 10)

(C) (9, 56, 18)

(D) (64, 85, 12)

Geography

Q33. In which state is St. Thomas Cathedral Basilica Church located?

(A) Tamil Nadu

(B) Kerala

(C) Goa

(D) Maharashtra

Economics

Q34. Which of the following steps have NOT been taken by the government to attract foreign companies to invest in India?

(A) Flexibility in the taxation system.

(B) SEZs setup production units do not have to pay taxes for an initial period of five years.

(C) Special Economic Zones are being set up.

(D) Flexibility in the labour laws.

Direction and Distance

Q35. Starting from his house, Varun walks 60 m towards the north. He then takes a right turn and walks 30 m. He then takes a right turn and walks 90 m. Finally, he takes another right turn and walks 30 m. How far and in which direction is Varun now from his house?

(A) 30 m, North

(B) 30 m, South

(C) 25 m, South

(D) 25 m, East

Physics

Q36. The resistance of a conductor is directly proportional to:

(A) potential difference applied across the conductor

(B) length of the conductor

(C) area of cross section of the conductor

(D) current flowing through the conductor

Physics

Q37. A convex lens having power 5 D is placed in contact with a concave lens having power -3 D. The focal length of the combination will be:

- (A) 50 cm
- (B) -0.5 cm
- (C) 0.5 cm
- (D) -50 cm

Time

Q38. What is the angle traced by the minute hand in 48 minutes?

- (A) 420°
- (B) 372°
- (C) 288°
- (D) 190°

Chemistry

Q39. What will be the fourth next member of the homologous series of the compound propene?

- (A) C_7H_{14}
- (B) C_2H_4
- (C) C_6H_{12}
- (D) C_4H_8

Number Series

Q40. If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 53478231, what will be the sum of the digits that are second from the left and second from the right?

- (A) 4

- (B) 8
- (C) 10
- (D) 6

Current Affairs

Q41. In February 2022, India won a record-extending fifth U-19 World Cup title, beating which country by four wickets in the final?

- (A) England
- (B) Pakistan
- (C) Canada
- (D) Australia

Logical Reasoning

Q42. A certain number of people are sitting in a row, facing north. M is sitting at the extreme left end. K is to the immediate right of M. G is to the immediate right of K. Only five persons are sitting between G and D. D is at the 6th position from the extreme right end. O is at some place towards the left of D. If no other person is sitting in the row, what is the total number of persons seated?

- (A) 12
- (B) 13
- (C) 14
- (D) 15

Logical Reasoning

Q43. A statement is given followed by two arguments. Read the statement and the arguments carefully and select the appropriate answer.

Statement: Last year, only 30 percent of girl students in district X joined under-graduate courses after school, while 95 percent of boys joined under-graduate courses.

Arguments:

I. The state government has increased the number of scholarships for girl students in undergraduate courses in government colleges.

II. Many girl students prefer to join vocational courses after school rather than undergraduate courses.

(A) Argument I weakens, while argument II strengthens the statement.

(B) Both arguments I and II weaken the statement.

(C) Both arguments I and II strengthen the statement.

(D) Argument II weakens, while argument I strengthens the statement.

Current Affairs

Q44. In January 2022, the Government of India launched which portal to share key performance indicators of the coal sector?

(A) Koyla Darpan

(B) Koyla Gyan

(C) Koyla Data

(D) Koyla Bit

Ratio and Proportion

Q45. The mean proportional between the numbers p and q is 8. Which of the following pairs of numbers can be the values of p and q?

- (A) 12 and 3
- (B) 16 and 4
- (C) 12 and 16
- (D) 10 and 6

Time and Distance

Q46. A starts from X at 9:00 am and reaches Y at 1:00 pm on the same day. B also starts from Y at 9:00 am and reaches X at 3 pm on the same day, following the same route as A. At what time do the two meet?

- (A) 11:24 hrs
- (B) 11:30 hrs
- (C) 10:00 hr
- (D) 11:12 hrs

Coding-Decoding

Q47. In a certain code language, 'PTEJAD' is written as 'QUEIAE' and 'FHNOI' is written as 'EIMOI'. How will 'TUPAI' be written in that language?

- (A) UVPAH
- (B) PUHVA
- (C) VUPHI
- (D) SUQAI

Mathematical Operations

Q48. Which of the following interchanges of signs would make the given equation correct?

$$12 \div 6 \times 18 + 16 - 15 = 5$$

- (A) +, -
- (B) -, +
- (C) +, ×
- (D) ×, ÷

Ratio and Proportion

Q49. The mean proportional of 16 and 144 is:

- (A) 44
- (B) 36
- (C) 48
- (D) 34

Number Series

Q50. Which of the following numbers will replace the question mark (?) in the given series?

28, 29, 31, 35, 43, ?

- (A) 55
- (B) 53
- (C) 61
- (D) 59

Polity

Q51. The Fundamental Duties were added in the Indian Constitution by the recommendation of which of the following committees?

- (A) Union Constitution Committee**
- (B) Swaran Singh Committee**
- (C) Union Power Committee**
- (D) Provincial Constitution Committee**

Physics

Q52. Which of the following statements is/are true for a DC motor?

- (i) The function of the split rings is to reverse the flow of current.**
- (ii) Maximum force is experienced by the arms of the coil aligned parallel to the magnetic field.**
- (iii) Reversing current after every half rotation leads to continuous rotation of the coil.**

- (A) Only (i)**
- (B) Only (ii)**
- (C) Both (i) and (ii)**
- (D) Both (i) and (iii)**

Direction and Distance

Q53. Stepping out from a flower shop, Jaya walks 100 m towards the north. She then takes a right turn and walks 45 m. She then takes a right turn and walks 175 m. She then takes a left turn and walks 50 m. She then takes a left turn and walks 75 m to reach a tea stall. How far and in which direction is the flower shop from the tea stall?

- (A) 105 m, North**
- (B) 105 m, West**

- (C) 95 m, East
- (D) 95 m, West

Statistics

Q54. The average of the first twelve multiples of 11 is:

- (A) 68.5
- (B) 71.5
- (C) 69.5
- (D) 70.5

Number Systems

Q55. From the numbers 51, 52, 53, ..., 100, find the sum of the smallest and the greatest prime numbers.

- (A) 123
- (B) 150
- (C) 139
- (D) 154

Coding-Decoding

Q56. In this question, a group of numbers/symbols is coded using letters as per the table and conditions given below. How will 6%2# be coded?

Conditions:

- (i) If the first element is a number and the last, a symbol, the codes for these two are to be interchanged.

(ii) If the first element is an odd number and the last, an even number, the first and last elements are to be coded as O.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

(A) YYVAM

(B) ØYCAO

(C) YHVAM

(D) MHVAY

Word Problem

Q57. 3 pencils and 5 pens together cost ₹81, whereas 5 pencils and 3 pens together cost ₹71. The cost of 1 pencil and 2 pens together is:

(A) ₹29

(B) ₹35

(C) ₹26

(D) ₹31

Statistics

Q58. For a grouped data, if X_i is the class mark and f_i is the corresponding frequency, then by the direct method, mean x is given by:

(A) $\Sigma X_i / \Sigma f_i$

(B) $\Sigma f_i X_i / \Sigma f_i$

(C) $\Sigma f_i X_i / \Sigma X_i$

(D) $\Sigma f_i X_i$

Number Series

Q59. Refer to the following number series and answer the question.

2 5 6 9 8 0 3 8 6 7 2 5 2 2 6 8 3 6 5 3

How many such numbers are there in the series each of which is immediately preceded by an even number and immediately followed by an odd number?

- (A) 3**
- (B) 4**
- (C) 5**
- (D) 2**

Current Affairs

Q60. Which State Government has in March 2022 launched the Dalit Bandhu welfare scheme for empowering Dalit families of the state and enabling entrepreneurship among them through a ₹10 lakh direct benefit transfer per family?

- (A) Uttarakhand**
- (B) Punjab**
- (C) Odisha**
- (D) Telangana**

Biology

Q61. To which of the following organisms is the Cell Theory given by Schleiden and Schwann NOT applicable?

- (A) Viruses**
- (B) Animals**

(C) Algae

(D) Fungi

Current Affairs

Q62. In March 2022, in which state has India's first Virtual Smart Grid Knowledge Centre been inaugurated?

(A) Himachal Pradesh

(B) Punjab

(C) Jharkhand

(D) Haryana

Geometry

Q63. In a right-angled triangle, if the hypotenuse is 4 units greater than one side and 8 units greater than the other, then find the area of the triangle.

(A) 100 sq. units

(B) 32 sq. units

(C) 96 sq. units

(D) 16 sq. units

Physics

Q64. Ramesh wants to choose a material for making the filament of a bulb. The chosen material should possess which of the following properties?

(i) Low melting point

(ii) Ability to glow at high temperatures

(iii) High resistance

(A) Both (ii) and (iii)

(B) Only (ii)

(C) Only (i)

(D) Both (i) and (ii)

Arithmetic

Q65. Simplify $234 \times [8 - (6 + 2) \times 3] + 4234$.

(A) 490

(B) 423

(C) 940

(D) 324

Biology

Q66. The amount of _____ in a plant cell alters its structure in order to facilitate movement.

(A) water

(B) electro-chemical impulses

(C) hormones

(D) protein

Algebra

Q67. The product of the roots of $x^2 - 7x + 12 = 0$ is:

(A) -7

(B) -12

(C) 12

(D) 7

Chemistry

Q68. Carbon is unable to form a C^{4+} ion because _____.

(A) it gains electrons easily

(B) its formation requires a large amount of energy

(C) it shows catenation property

(D) it has tetravalency

Environmental Science

Q69. We can prepare eco-friendly carry bags with _____.

(A) glass

(B) plastic

(C) rubber

(D) paper

Polity

Q70. In which part of the Indian Constitution is Panchayati Raj described?

(A) Part VIII

(B) Part VI

(C) Part IX

(D) Part VII

Chemistry

Q71. What is the correct order of elements according to their valence shell electrons?

- (A) $F > O > C > Li$
- (B) $Li > O > C > F$
- (C) $Ne > N > F > Be$
- (D) $B > C > O > F$

Geography

Q72. What is the name of the phenomenon of wearing down of relief variations of the surface of the Earth through erosion?

- (A) Gradation
- (B) Eruptions
- (C) Germination
- (D) Solidification

Physics

Q73. A light ray AB is incident on a convex mirror as shown in the figure. What will be the angle of reflection?

- (A) 90°
- (B) 0°
- (C) 30°
- (D) 45°

Physics

Q74. For a ray of light undergoing refraction through a triangular glass prism, the angle of deviation is the angle between _____.

- (A) the incident ray and the normal at the point of incidence**
- (B) the incident ray and the emergent ray**
- (C) the incident ray and the refracted ray**
- (D) the refracted ray and the emergent ray**

Logical Reasoning

Q75. Six boys, Prateek, Kartik, Yash, Himmat, Dev and Nihit, are sitting in a straight line. All are facing the north direction. Prateek sits second to the left of Kartik. Dev is sitting at one of the extreme ends. Only Prateek is sitting between Yash and Himmat. Kartik sits to the immediate left of Nihit. Himmat sits third to the right of Dev. Who is sitting to the immediate left of Kartik?

- (A) Prateek**
- (B) Dev**
- (C) Yash**
- (D) Himmat**

Biology

Q76. Many scientists before Mendel had started studying the inheritance of traits in peas and other organisms, but Mendel succeeded in giving the laws of Inheritance. All are correct reasoning for Mendel's success except one. Select the INCORRECT reasoning.

- (A) He studied the inheritance of one character at a time, whereas scientists before him had considered the organism as a whole.**
- (B) He worked with a small sample size.**
- (C) He blended his knowledge of Science and Mathematics.**

(D) He kept a count of individuals of a particular trait in each generation.

Logical Reasoning

Q77. Some people are playing on a football ground. Only two are wearing red coloured T-shirts. Exactly three are wearing yellow-coloured T-shirts. The one who is wearing a red T-shirt passed the ball to the only individual wearing a saffron coloured T-shirt. The person wearing a white coloured T-shirt tackled the person wearing the saffron coloured T-shirt and then passed the ball to the player who is wearing the green coloured T-shirt. No other individual is playing on the ground. How many total players are playing football on the ground?

- (A) 9**
- (B) 8**
- (C) 10**
- (D) 7**

Profit and Loss

Q78. By selling an item at a 10% profit a seller makes a profit of ₹777.70. Find the cost price of the item.

- (A) ₹7,707**
- (B) ₹7,777**
- (C) ₹7,277**
- (D) ₹7,177**

Data Interpretation

Q79. Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. How many such doctors are there who are also joggers but NOT NRIs?

- (A) 28**
- (B) 75**
- (C) 45**
- (D) 56**

Number Series

Q80. The following question is based on the given six, 4-digit numbers. (Left) 8347, 5486, 9627, 4913, 8721, 6418 (Right). What will be the resultant if the digit in the hundred's place of the largest number is added to the digit in the thousand's place of the smallest number?

- (A) 9**
- (B) 7**
- (C) 8**
- (D) 10**

Chemistry

Q81. The following reaction is an example of: $\text{Mg}(\text{OH})_2 + 2\text{HCl} \rightarrow \text{MgCl}_2 + 2\text{H}_2\text{O}$

- (A) neutralisation reaction**
- (B) precipitate reaction**
- (C) decomposition reaction**
- (D) combination reaction**

Biology

Q82. Which of the following foods is high in iron?

- (A) Milk**
- (B) Jaggery**
- (C) Butter**
- (D) Rice**

Current Affairs

Q83. As of July 2022, who among the following is the Chairman of the 15th Finance Commission of India?

- (A) N.K. Singh**
- (B) Anoop Singh**
- (C) Arvind Mehta**
- (D) Ashok Lahiri**

Physics

Q84. The radius of curvature of a given spherical mirror is -20 cm. The focal length of the mirror is:

- (A) 40 cm**
- (B) -40 cm**
- (C) -10 cm**
- (D) 10 cm**

Geography

Q85. Sindhu Darshan festival is celebrated in which part of India?

- (A) Punjab
- (B) Ladakh
- (C) Sikkim
- (D) Uttar Pradesh

Data Interpretation

Q86. The following table shows the number of male and female employees working in four departments of an organization. What is the ratio of the total number of employees in Production and the total number of employees in Operations, respectively?

- (A) 7:6
- (B) 7:3
- (C) 8:5
- (D) 6:5

Current Affairs

Q87. Name the firm that has acquired neo bank Avail Finance in March 2022?

- (A) PhonePe
- (B) Paytm
- (C) Uber
- (D) Ola

Current Affairs

Q88. Which scheme has been introduced by the Department of Biotechnology, Government of India, for awarding writers for writing original books in Hindi on the subjects related to Biotechnology?

- (A) Dr. Aryabhatta Hindi Granth Lekhan Puraskar Yojna**
- (B) Dr. Hargobind Khurana Hindi Granth Lekhan Puraskar Yojna**
- (C) Dr. Jagdish Chandra Bose Hindi Granth Lekhan Puraskar Yojna**
- (D) Dr. Raman Bose Hindi Granth Lekhan Puraskar Yojna**

Alphabetical Arrangement

Q89. The position of how many letters will remain unchanged if each of the letters in the word 'ACQUIRE' is arranged in alphabetical order?

- (A) 2**
- (B) 3**
- (C) 1**
- (D) 4**

Arithmetic

Q90. The value of $\{4 - 3 \times [7 - 8 \times (2 \times 4 - 10)]\} = ?$

- (A) 65**
- (B) -65**
- (C) -25**
- (D) 73**

Culture

Q91. Which flower of the Himalaya has antiseptic properties and hence can help in the healing of bruises?

- (A) Datura
- (B) Ricinus
- (C) Brahma Kamal
- (D) Parthenium

Current Affairs

Q92. Who among the following was the Team India Flag Bearer at the 2022 Commonwealth Games opening ceremony in Birmingham?

- (A) Aditi Ashoke
- (B) P.V. Sindhu
- (C) Lovlina Borgohain
- (D) Mirabai Chanu

Logical Reasoning

Q93. Based on the given statement, four conclusions are drawn. Find out which conclusion is NOT true based on the statement.

Statement: $A > B < C < D = E > F > G$

- (A) $D > G$
- (B) $A > E$
- (C) $E > B$
- (D) $C \leq E$

Polity

Q94. How many languages as on June 2022 have the status of classical language in India?

- (A) 6
- (B) 5
- (C) 4
- (D) 3

Series Completion

Q95. Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

EHT-13, HKW-17, LOA-22, QTF-28, WZL-35, ?

- (A) CGT-41
- (B) DGT-44
- (C) DHR-43
- (D) DGS-43

Current Affairs

Q96. In April 2022 the Lok Sabha passed the Constitution (Scheduled Castes and Scheduled Tribes) Orders (Second Amendment) Bill, 2022 which seeks to amend the Constitution to include Gonds and associated tribes in the Scheduled Tribes category in certain districts of _____.

- (A) Uttar Pradesh
- (B) Himachal Pradesh
- (C) Sikkim
- (D) Assam

Biology

Q97. The phloem is the plant's vascular tissue that transports _____.

- (A) Gases**
- (B) oxygen**
- (C) nutrients**
- (D) water**

Biology

Q98. 'Double Circulation' CANNOT be observed in _____.

- (A) eagle**
- (B) snake**
- (C) fish**
- (D) frog**

Simple Interest

Q99. At what rate of per cent per annum will ₹1,300 give ₹520 as simple interest in 5 years?

- (A) 4%**
- (B) 5%**
- (C) 7%**
- (D) 8%**

Mensuration

Q100. The total surface area of a cylinder of radius 70 m and height 140 m, is:

- (A) 61,524 m²**

(B) 82,500 m²

(C) 5124 m²

(D) 92,400 m²

(Answer Key)

Question No.	Correct Option	Answer
1	C	(C) Only conclusion 1 is true
2	B	(B) $k^3 - 3k$
3	B	(B) 28
4	A	(A) 13
5	B	(B) right-hand thumb rule
6	B	(B) (10, 64, 6)
7	C	(C) NXOQ
8	B	(B) $\frac{5}{3}$
9	D	(D) Netaji Subhash Chandra Bose
10	A	(A) F
11	D	(D) All the conclusions follow
12	B	(B) 5320

Question No.	Correct Option	Answer
13	B	(B) $(x+1)(x+6) = 0$
14	A	(A) 10 m
15	B	(B) The number of graduates who are also coffee lovers but not soldiers is 65.
16	B	(B) 38/9
17	C	(C) Study of landforms
18	D	(D) Both the statements are true.
19	D	(D) Madhya Pradesh
20	C	(C) Both (i) and (ii)
21	C	(C) B
22	C	(C) 81
23	D	(D) $2x^2+9x-3$
24	A	(A) 40%
25	D	(D) $6 \frac{7}{19}$ days
26	C	(C) $C < E < D < A < B$
27	D	(D) 1285
28	A	(A) Psychological
29	A	(A) 3185

Question No.	Correct Option	Answer
30	B	(B) Diagonals of a rectangle do not bisect each other.
31	C	(C) baking powder
32	A	(A) (49, 63, 9)
33	A	(A) Tamil Nadu
34	D	(D) Flexibility in the labour laws.
35	B	(B) 30 m, South
36	B	(B) length of the conductor
37	A	(A) 50 cm
38	C	(C) 288°
39	A	(A) C ₇ H ₁₄
40	D	(D) 6
41	A	(A) England
42	D	(D) 15
43	D	(D) Argument II weakens, while argument I strengthens the statement.
44	A	(A) Koyla Darpan
45	B	(B) 16 and 4

Question No.	Correct Option	Answer
46	A	(A) 11:24 hrs
47	D	(D) SUQAI
48	D	(D) ×, ÷
49	C	(C) 48
50	D	(D) 59
51	B	(B) Swaran Singh Committee
52	D	(D) Both (i) and (iii)
53	D	(D) 95 m, West
54	B	(B) 71.5
55	B	(B) 150
56	D	(D) MHVAY
57	D	(D) ₹31
58	B	(B) ΣfiΣfixi
59	B	(B) 4
60	D	(D) Telangana
61	A	(A) Viruses
62	D	(D) Haryana
63	C	(C) 96 sq. units

Question No.	Correct Option	Answer
64	A	(A) Both (ii) and (iii)
65	A	(A) 490
66	A	(A) water
67	C	(C) 12
68	B	(B) its formation requires a large amount of energy
69	D	(D) paper
70	C	(C) Part IX
71	A	(A) $F > O > C > Li$
72	A	(A) Gradation
73	B	(B) 0°
74	B	(B) the incident ray and the emergent ray
75	D	(D) Himmat
76	B	(B) He worked with a small sample size.
77	B	(B) 8
78	B	(B) ₹7,777
79	D	(D) 56

Question No.	Correct Option	Answer
80	C	(C) 8
81	A	(A) neutralisation reaction
82	B	(B) Jaggery
83	A	(A) N.K. Singh
84	C	(C) -10 cm
85	B	(B) Ladakh
86	D	(D) 6:5
87	D	(D) Ola
88	C	(C) Dr. Jagdish Chandra Bose Hindi Granth Lekhan Puraskar Yojna
89	C	(C) 1
90	B	(B) -65
91	C	(C) Brahma Kamal
92	B	(B) P.V. Sindhu
93	B	(B) $A > E$
94	A	(A) 6
95	D	(D) DGS-43
96	A	(A) Uttar Pradesh

Question No.	Correct Option	Answer
97	C	(C) nutrients
98	C	(C) fish
99	D	(D) 8%
100	D	(D) 92,400 m²

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