



General Instructions

- (i) The examination is conducted in an offline, pen-and-paper-based mode using OMR sheets.
- (ii) Each question carries +1 mark for a correct answer. There is no negative marking for incorrect or unattempted questions.
- (iii) The examination typically consists of 100 objective-type multiple-choice questions (MCQs), generally divided into sections such as
 - Proficiency in English
 - General Knowledge
 - Computer Awareness
 - Reasoning
 - Quantitative Analysis
- (iv) The total duration of the exam is 120 minutes (2 hours).

1. Which component of the central processing unit is primarily responsible for fetching, decoding and executing instructions?

- (A) Arithmetic Logic Unit (ALU)
- (B) Control Unit (CU)
- (C) Cache Memory
- (D) Registers

2. Arrange the given events in chronological order.

- (a) Launch of Google
- (b) Creation of WWW
- (c) Introduction of the iPhone
- (d) Launch of Facebook

- (A) $b \rightarrow a \rightarrow d \rightarrow c$
- (B) $a \rightarrow c \rightarrow d \rightarrow b$
- (C) $b \rightarrow d \rightarrow a \rightarrow c$
- (D) $d \rightarrow a \rightarrow b \rightarrow c$

3. Which type of RAM is generally used as the main memory in modern PCs and requires periodic refreshing?

- (A) Flash
- (B) ROM
- (C) DRAM
- (D) SRAM

4. Match the following Network devices in List-I with its Functions in List-II.

List-I		List-II	
(a)	Hub	(i)	Connects two LAN networks
(b)	Bridge	(ii)	Connects different networks
(c)	Router	(iii)	Connects networks using different protocols
(d)	Gateway	(iv)	Connects multiple devices in a network

- (A) a-iii, b-iv, c-i, d-ii
- (B) a-i, b-iv, c-iii, d-ii
- (C) a-iv, b-i, c-ii, d-iii
- (D) a-iv, b-ii, c-i, d-iii

5. Which type of memory is used to maximize speed in large scientific computers?

- (A) Fixed-length memory
- (B) Variable-length memory

- (C) Cloud storage
 - (D) Tape drives
-

6. Which of the following are the advantages of DBMS?

- (i) Reduced Data Redundancy
- (ii) Improved Data Security
- (iii) Increased Data Inconsistency
- (iv) Backup and Recovery

- (A) (i) and (ii)
 - (B) (i), (ii) and (iii)
 - (C) (i), (ii) and (iv)
 - (D) (i) and (iii)
-

7. Which metric is most useful for measuring performance when handling floating-point operations involving very large OR very small numbers that require high precision calculations?

- (A) Cache size
 - (B) FLOPS
 - (C) Latency
 - (D) Clock speed (GHz)
-

8. Which of the following programming language uses objects, classes, inheritance, and polymorphism?

- (A) BASIC
 - (B) C++
 - (C) FORTRAN
 - (D) COBOL
-

9. Match the following and select the correct answer for popular programming languages in List-I with their use cases in List-II.

List-I		List-II	
(a)	Java	(i)	Game development and high performance apps
(b)	Python	(ii)	Web development, front-end scripting
(c)	JavaScript	(iii)	Data Science and AI
(d)	C++	(iv)	Enterprise apps and Android apps

- (A) a-ii, b-iv, c-i, d-iii
 (B) a-i, b-iii, c-ii, d-iv
 (C) a-ii, b-iii, c-iv, d-i
 (D) a-iv, b-iii, c-ii, d-i
-

10. Which of the following is NOT the layer of the UNIX operating system?

- (A) Kernel layer
 (B) Shell layer
 (C) Utilities layer
 (D) BIOS layer
-

11. In an operating system, the interval between the time of submission of a job to the system for processing and the time of first response from the system for the job is known as

- (A) Throughput
 (B) Response Time
 (C) Turnaround Time
 (D) Computing Time
-

12. Which of the following is NOT a Network Operating System?

- (A) Android
 (B) Unix
 (C) Windows Server
 (D) Linux
-

13. Which of the following operations is NOT typically performed by the Arithmetic Logic Unit?

- (A) Logical AND, OR and NOT
 - (B) Comparison of values
 - (C) Addition and Subtraction
 - (D) Data transfer between RAM and storage
-

14. The seven and eight-bit alphanumeric code that is needed to represent more than 64 characters is called _____.

- (A) Card code
 - (B) ASCII code
 - (C) IEEE code
 - (D) Internal code
-

15. A group of eight distinct elements can be represented by a _____ code.

- (A) Three-bit
 - (B) Two-bit
 - (C) Four-bit
 - (D) Eight-bit
-

16. Consider the following weights in the BCD code.

(i) 4 (ii) 8 (iii) 1 (iv) 2

Find the correct sequence from left to right.

- (A) (iv), (i), (ii), (iii)
 - (B) (iii), (iv), (i), (ii)
 - (C) (ii), (i), (iv), (iii)
 - (D) (i), (ii), (iii), (iv)
-

17. What is the decimal equivalent of $(B65F)_{16}$?

- (A) $(46876)_{10}$
- (B) $(46687)_{10}$
- (C) $(48676)_{10}$

(D) $(47686)_{10}$

18. Add the binary numbers 10011 and 1001 in both decimal and binary forms. The values are:

- (A) 11100 in binary, 28 in decimal
 - (B) 00011 in binary, 20 in decimal
 - (C) 10101 in binary, 18 in decimal
 - (D) 11101 in binary, 19 in decimal
-

19. Which of the following definition is true for 2's complement subtract operation?

- (A) To subtract two numbers X and Y, form the 2's complement of Y and then add it to X.
 - (B) To subtract two numbers X and Y, form the 2's complement of X and then add it with Y.
 - (C) To subtract two numbers X and Y, form the 2's complement of Y and then subtract it from X.
 - (D) To subtract two numbers X and Y, form the 2's complement of X and then subtract Y from it.
-

20. Consider the following statements:

- (i) Perform addition/subtraction on the mantissas
- (ii) Set the exponent of the result
- (iii) Choose the number with the smaller exponent and shift its mantissa
- (iv) Normalize the result

Find the correct add/subtract rule sequence.

- (A) (i), (iii), (ii), (iv)
 - (B) (iii), (i), (iv), (ii)
 - (C) (i), (ii), (iv), (iii)
 - (D) (iii), (ii), (i), (iv)
-

21. Which of the following systems are used to represent both positive and negative numbers?

- (a) Sign-and-magnitude
- (b) Sign-9's complement
- (c) 1's complement
- (d) Sign-10's complement

- (A) (a) and (c)
 - (B) (a) and (b)
 - (C) (b) and (d)
 - (D) (c) and (d)
-

22. Which of the following best suits an operating system?

- (A) Resource utilizer
 - (B) Workstation
 - (C) Resource allocator
 - (D) Application program
-

23. Kernel mode operation is also called as _____.

- (A) Interactive mode
 - (B) System mode
 - (C) User mode
 - (D) Symmetric mode
-

24. Consider the following storage levels and find the correct sequence for the migration of the integer A from larger storage to smaller one.

- (i) Hardware Register
- (ii) Main Memory
- (iii) Cache
- (iv) Magnetic Disk

- (A) (i), (iii), (ii), (iv)

- (B) (iv), (ii), (iii), (i)
 (C) (ii), (iv), (i), (iii)
 (D) (iii), (i), (iv), (ii)
-

25. The correct result of 2's complement addition operation for the following values is _____.

$$0010 \quad (+2)$$

$$0011 \quad (+3)$$

- (A) 0101
 (B) 0100
 (C) 1100
 (D) 1110
-

26. Match the following List-I with corresponding List-II.

List-I		List-II	
(a)	Binomial	(i)	$x = 0, 1$ only two values
(b)	Normal	(ii)	Discrete distribution
(c)	Statistic	(iii)	Symmetric distribution
(d)	Bernoulli	(iv)	Not a distribution

- (A) a-i, b-ii, c-iii, d-iv
 (B) a-iv, b-iii, c-ii, d-i
 (C) a-ii, b-iii, c-iv, d-i
 (D) a-ii, b-iv, c-iii, d-i
-

27. Find the missing term in the given sequence.

1, 5, 5, 10, 4, 15, 13, _____

- (A) 17
 (B) 16
-

- (C) 9
 - (D) 20
-

28. Sangeetha was facing north-west direction. If she was playing carrom with Sudha in the standard seating pattern, in which direction was Sudha facing?

- (A) North-West
 - (B) North-East
 - (C) South-West
 - (D) South-East
-

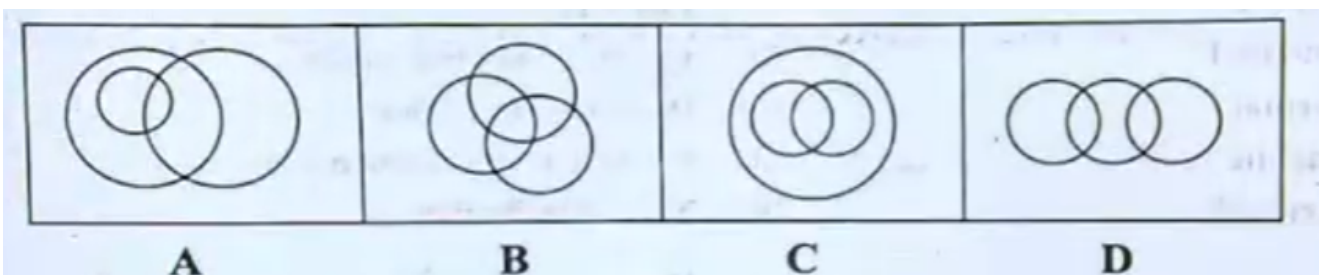
29. If X , Y and Z are independent and identically distributed (i.i.d.) random variables, then the mean and variance of X , Y and Z are

- (A) Mean and variance are same for X , Y and Z
 - (B) Mean and variance are different for X , Y and Z
 - (C) Mean is same but variance is different for X , Y and Z
 - (D) Mean is different but variance is same for X , Y and Z
-

30. If a lion has four legs, a monkey has four legs and an elephant has four legs, then how many legs do we have?

- (A) 2
 - (B) 4
 - (C) 6
 - (D) 8
-

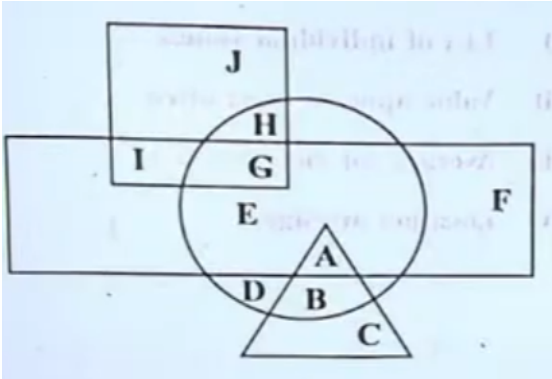
31. Which of the following Venn diagram best represents the relationship among Americans, Professors and Men?



- (A) Both A and B

- (B) Both C and D
- (C) Only A
- (D) Only B

32. In the following figure, square represents students, triangle represents teachers, circle represents professors and rectangle represents Indians.



Which set of letters represents Indians who are not students?

- (A) E and F
- (B) I and G
- (C) E, A and F
- (D) G, E and A

33. Choose the missing term in place of question mark (?) on the basis of the relationship between the word given on the left/right side of the sign of analogy.

BOOKS : 2, 15, 15, 11, 19 :: PAPER : ?

- (A) 16, 5, 16, 1, 18
- (B) 18, 5, 16, 1, 16
- (C) 16, 1, 16, 5, 18
- (D) 32, 2, 32, 10, 36

34. Choose the correct meaning of degrees of freedom in statistical concept if n is number of observations.

- (A) Number of independent observations
- (B) Number of dependent observations

- (C) Either independent or dependent observations
(D) Neither independent nor dependent observations
-

35. Match the following List-I with List-II.

List-I		List-II	
(a)	Mean	(i)	List of individual values
(b)	Median	(ii)	Value appears most often
(c)	Mode	(iii)	Average for complete data
(d)	Frequency Distribution	(iv)	Location average

- (A) a-i, b-iii, c-ii, d-iv
(B) a-iii, b-iv, c-ii, d-i
(C) a-i, b-iv, c-ii, d-iii
(D) a-iii, b-iv, c-i, d-ii
-

36. The two statements given are followed by two Conclusions I and II. You have to consider the two statements to be true even if they seem to be at variance from commonly known facts.

Statements:

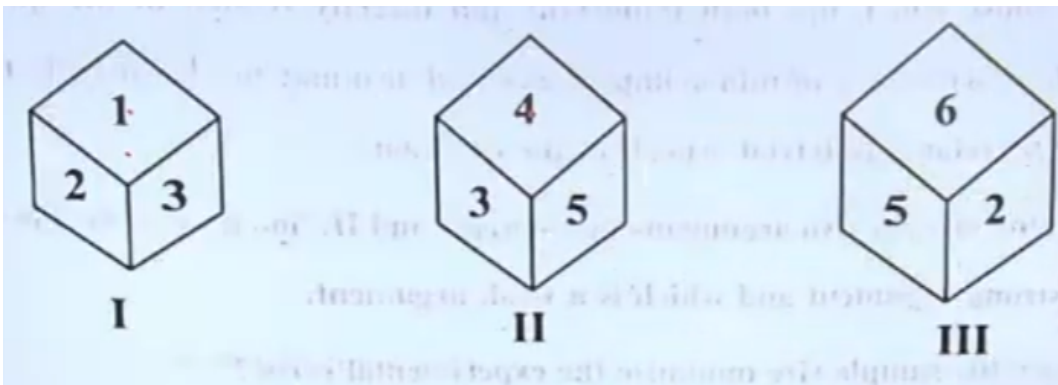
1. Statistics is a process of data analysis.
2. Knowledge requires light to enlighten the core of cognitive aspect.

Conclusions:

1. Statistics is the tool to analyse the data and decision-making.
2. Statistics is a static process for mind.

- (A) Only Conclusion I follows
(B) Only Conclusion II follows
(C) Both Conclusions I and II follow
(D) Neither Conclusion I nor II follows
-

37. Given below are pictures of a dice.



Which number is on the face opposite to 3?

- (A) 6
- (B) 2
- (C) 4
- (D) 5

38. In the following question, two statements are given. They may or may not be cause and effect relationship between the two statements.

Statement I: As the income increases, the expenditure also increases.

Statement II: The age of wife and husband changes in positive direction.

Choose an appropriate option.

- (A) If Statement I is the cause and Statement II is its effect
- (B) If Statement II is the cause and Statement I is its effect
- (C) If both the Statements are independent causes
- (D) If both the Statements are independent effects

39. It is desirable to be able to distinguish between strong arguments and weak arguments. Strong arguments are those which are both important and directly related to the question. Weak arguments are those which are of minor importance and also may not be directly related to the question or may be related to trivial aspects of the question. The Statement below is followed by two arguments numbered I and II. You have to decide which of the arguments is a strong argument and which is a weak argument.

Statement: Should larger the sample size minimize the experimental error?

Arguments:

I. Yes, this is one of the ways to improve the efficiency of the estimator.

II. No, sample size is not at all a matter.

- (A) If only Argument I is strong
 - (B) If only Argument II is strong
 - (C) If either I or II is strong
 - (D) If neither I nor II is strong
-

40. 'A' and 'B' are two stations 465 km apart. A train starts from 'A' at 10 a.m. and travels towards 'B' at 65 kmph. Another train starts from 'B' at 11 a.m. and travels towards 'A' at 35 kmph. At what time do they meet?

- (A) 3:00 a.m.
 - (B) 3:00 p.m.
 - (C) 3:05 a.m.
 - (D) 3:05 p.m.
-

41. Five years ago, mother was three times older than daughter. Ten years later, mother will be twice as old as daughter. How old are daughter and mother now?

- (A) (25,55)
 - (B) (20,50)
 - (C) (25,50)
 - (D) (20,55)
-

42. The area of a rectangle gets reduced by 40 square units if its length is reduced by 7 units and breadth is increased by 2 units. If we increase the length by 4 units and breadth by 4 units, then the area is increased by 108 square units. Find the length and breadth.

- (A) 8 units and 15 units respectively
 - (B) 12 units and 15 units respectively
 - (C) 15 units and 8 units respectively
 - (D) 15 units and 12 units respectively
-

43. There are four consecutive odd numbers x_1, x_2, x_3 and x_4 and three consecutive even numbers y_1, y_2 and y_3 . The average of odd numbers is 12 less than the average of even

numbers. If the sum of three even numbers is 32 less than the sum of four odd numbers, then the average of x_1, x_2, x_3 and x_4 is

- (A) 60
- (B) 64
- (C) 62
- (D) 68

44. There is a list of a hospital with admitted patients by age for one day. There were 1000 patients attended. Among these patients, children below 5 years were 600; 200 were between the age of 5 years and 45 years and 200 were above 45 years. Then the proportion of patients attended by the hospital to be of age less than five years and adults of 45 years and above is

- (A) 0.60
- (B) 0.20
- (C) 0.80
- (D) 0.40

45. A class of 40 students showed that 20% were taller, 40% were shorter and 40% were shortest. Then the probability that the students are either taller or shortest is?

- (A) 0.60
- (B) 0.40
- (C) 0.20
- (D) 0.80

46. In a certain college in Andhra Pradesh there were 800 students. Among them 320 were normal, 200 with anaemia, 160 with B-complex deficiency and 120 with Vitamin A deficiency. Complete the table and identify the correct statements.

the following table:

S.No.	Clinical status	Number of students examined	Percentage	Proportion
1	Normal	320	A	0.40
2	Vitamin A Deficiency	120	B	0.15
3	B-complex Deficiency	160 a	C	a_1
4	Anaemia	b	25	b_1
Total		800		

Statements: (i) A = 40, B = 15, C = 20, a = 160, b = 200
 (ii) a = 100, b = 200, $a_1 = 0.2$, $b_1 = 0.25$
 (iii) A = 40, B = 15, C = 20, $a_1 = 0.25$, $b_1 = 0.2$
 (iv) A = 40, B = 20, C = 15, a = 100, b = 200

- (A) Statements (i) and (ii) are correct
 - (B) Statements (i) and (iii) are correct
 - (C) Statements (ii) and (iv) are correct
 - (D) Statements (iii) and (iv) are correct
-

47. Consider the following statements:

- (i) If you add 9 to each entry that adds 9 to the average.
- (ii) If you add 9 to each entry that adds 9 to the standard deviation.
- (iii) If you double each entry on a list that doubles the average.
- (iv) If you double each entry on a list that doubles the standard deviation.

Which of the following is correct?

- (A) Statements (i) and (ii) are correct
 - (B) Statements (ii) and (iii) are correct
 - (C) Statements (iii) and (iv) are correct
 - (D) Statements (ii) and (iv) are correct
-

48. The distribution of qualitative variables is summarised as

- (A) Mean and Standard deviation
 - (B) Median and Interquartile range
 - (C) Median and Percentage
 - (D) Frequency and Percentage
-

49. The distribution of family income in 1987 in a city is given below:

Percentile	Family Income
1	\$1300
10	\$8500
25	\$17100
50	\$30800
75	\$48000
90	\$68500
99	\$125000

Statement (i): 50% of the population has income less than \$30,800.

Statement (ii): Middle 50% of the population has income in the range \$17,100 – \$48,000.

Statement (iii): 99% of the population has the income \$1,25,000.

Statement (iv): Median income is \$30,800.

- (A) Statements (i) and (ii) are correct
- (B) Statements (ii) and (iii) are correct
- (C) Statements (i) and (iii) are correct
- (D) Statements (iii) and (iv) are correct

50. The following table shows the number of working hours and the number of employees employed in a small-scale industry.

Number of Working Hours	Number of Employees
3 – 5	7
5 – 7	10
7 – 9	16
9 – 11	47
11 – 13	12
13 – 15	8
Total	100

Statement (i): Average number of working hours of employees is 9.42 hours.

Statement (ii): The number of workers working less than nine hours is 33.

Statement (iii): The number of workers working more than average working hours is 67.

Choose the correct answer:

- (A) Statements (i) and (ii) are correct
 - (B) Statements (ii) and (iii) are correct
 - (C) Statements (i) and (iii) are correct
 - (D) Statement (i) is correct but (ii) is false
-

51. Correlation coefficient is not affected by

- (i) Interchanging the two variables
- (ii) Adding the same number to all the values of one variable
- (iii) Multiplying all the values of one variable by the same positive number
- (iv) Multiplying all the values of one variable by the same negative number

Choose the correct answer from the following:

- (A) All the four statements are correct
 - (B) Statements (i) and (ii) are correct
 - (C) Statements (i), (ii) and (iii) are correct
 - (D) Statements (ii), (iii) and (iv) are correct
-

52. Find the Mean and Median of the data

11, 7, 6, 9, 12, 15, 19, 20

- (A) Mean = 12, Median = 11
 - (B) Mean = 11.5, Median = 12.38
 - (C) Mean = 12.38, Median = 11.5
 - (D) Mean = 12.38, Median = 11.00
-

53. In a cross-sectional study conducted at a clinic, the researcher is interested to know what proportion of the patients is suffering from tuberculosis and HIV.

	Tuberculosis (Yes)	Tuberculosis (No)
HIV +ve	16	4
HIV -ve	24	456

The probability that a person selected is not suffering from both tuberculosis and HIV is

- (A) 0.8
- (B) 0.2
- (C) 0.912
- (D) 0.962

54. The sampling procedure and the situation is given in the following table:

List-I (Sampling Method)	List-II (Situation)
(a) Simple Random Sampling	(i) Non-homogeneous population is divided into strata and units within the strata are homogeneous. Units are selected from all strata
(b) Stratified Random Sampling	(ii) All units have same probability of selection
(c) Cluster Sampling	(iii) Starts with a random start and every K^{th} unit is selected. $K = \frac{n}{N}$ usual notation
(d) Systematic Sampling	(iv) Population is divided into groups and sampling frame in each group is not available. Groups are selected and all units in the group are enumerated

- (A) a-ii, b-iv, c-iii, d-i
- (B) a-ii, b-i, c-iv, d-iii
- (C) a-iv, b-iii, c-ii, d-i
- (D) a-iii, b-ii, c-iv, d-i

55. If the probability of getting Rh+ve is 0.9 and probability of new born being male is $\frac{1}{2}$, then the probability of new born being male with Rh+ve is

- (A) 0.95
- (B) 0.45
- (C) 0.50
- (D) 0.25

56. Read the following sentences and identify which of them are in the passive form.

- (a) My pocket is picked.

- (b) The snake was killed by the boy.
- (c) He asked him to get out.
- (d) They were asked to keep quiet.

- (A) (a), (b) and (d)
 - (B) (a), (b) and (c)
 - (C) (a), (c) and (d)
 - (D) (b), (c) and (d)
-

57. Choose the appropriate question tag:

You heard what I told him, _____

- (A) Did you?
 - (B) Didn't you?
 - (C) Won't you?
 - (D) Don't you?
-

58. Choose the best alternative and complete the sentence.

In my opinion, he seems to enjoy _____ to school.

- (i) not going
 - (ii) going
 - (iii) by going
 - (iv) in going
- (A) (i) and (ii)
 - (B) (ii) and (iv)
 - (C) (iii) and (i)
 - (D) (iv) and (i)
-

59. The words similar in meaning to the word 'zigzag'.

- (a) Oblique

- (b) Winding
- (c) Straight
- (d) Direct

- (A) (a) and (c)
 - (B) (b) and (c)
 - (C) (b) and (d)
 - (D) (a) and (b)
-

60. The sentence that is opposite in meaning to the sentence, “He has been always vindictive”.

- (A) He has the mind to forgive.
 - (B) He was not useful to anyone.
 - (C) He has been in the habit of praising everyone.
 - (D) He has never been friendly.
-

61. Find the sentences that are grammatically incorrect.

- (i) I asked him not to do that.
- (ii) I asked him don't be doing that.
- (iii) I asked him he won't be doing that.
- (iv) I asked him, should he do that.

- (A) (i), (iii), (iv)
 - (B) (i), (ii), (iii)
 - (C) (ii), (iii), (iv)
 - (D) (i), (iv), (ii)
-

62. Choose the correct option which has rectified the error in the following sentence:

The news are that the war will come to an end soon.

- (A) The news is that the war will be coming to an end soon
 - (B) The news is that the war will come to an end soon
-

- (C) The news was that the war will be coming to an end soon
(D) The news were that the war will come to an end soon
-

63. Choose the correct option which has rectified the error in the following sentence:

We will be going to Shimla in the vacation in May.

- (A) We will be going to Shimla during the vacation in May
(B) We will be going for Shimla in the vacation in May
(C) We will be going to Shimla by the vacation in May
(D) We will be going to Shimla on the vacation in May
-

64. Match the words in List-I with those in List-II.

List-I		List-II	
(a)	One who studies the formation of the Earth	(i)	Psephologist
(b)	One who gazes at the stars in the sky	(ii)	Geologist
(c)	One who studies the occurrence of volcanoes and earthquakes	(iii)	Seismologist
(d)	One who predicts the outcome of elections	(iv)	Astronomer

- (A) a – i, b – ii, c – iii, d – iv
(B) a – ii, b – iv, c – iii, d – i
(C) a – iii, b – ii, c – iv, d – i
(D) a – iv, b – iii, c – i, d – ii
-

65. The meaning of the following idiomatic expression 'under a cloud'.

- (A) Experiencing cloudy weather
(B) Enjoying favourable luck
(C) Under suspicion
(D) Under observation
-

66. To work on this project is like flogging a dead horse. This idiomatic expression means

- (A) Harping upon a question that has been settled
 - (B) Dragging something too far
 - (C) Overspending time
 - (D) Driving a horse
-

67. Find the analogy for the following.

Asthma : Lungs :: Conjunctivitis : ?

- (A) Blood
 - (B) Heart
 - (C) Eyes
 - (D) Teeth
-

68. Match the works given in List-I with the writers in List-II.

List-I		List-II	
(a)	Caesar and Cleopatra	(i)	George Eliot
(b)	Antony and Cleopatra	(ii)	Jane Austen
(c)	Pride and Prejudice	(iii)	George Bernard Shaw
(d)	Middlemarch	(iv)	William Shakespeare

- (A) a – iii, b – iv, c – ii, d – i
 - (B) a – i, b – ii, c – iii, d – iv
 - (C) a – ii, b – iii, c – i, d – iv
 - (D) a – iv, b – ii, c – i, d – iii
-

69. 'The Pilgrim's Progress' was written by _____.

- (A) John Bunyan
 - (B) John Milton
 - (C) John Swift
 - (D) Jonathan Swift
-

70. Substitute the following phrase with one word, choosing from the given options.

A person who does not believe in God.

- (a) Theist
 - (b) Non-believer
 - (c) Cultist
 - (d) Atheist
- (A) (a) and (c) are correct
(B) (b) and (d) are correct
(C) (b) and (c) are correct
(D) (b) and (a) are correct
-

71. Which of the following is/are not the methods for Environmental Study?

- (a) TOW
 - (b) ETOP
 - (c) SWOC
 - (d) MRTP
- (A) (a), (b), (c) and (d)
(B) Only (b)
(C) (a) and (d)
(D) Only (d)
-

72. Match List-I with List-II and select the correct option using the codes given below:

List-I (Name of the Sports)		List-II (Arjuna Award Winners-2025)	
(a)	Athletics	(i)	Harmanpreet Singh
(b)	Hockey	(ii)	Sarabjot Singh
(c)	Shooting	(iii)	Vantika Agrawal
(d)	Chess	(iv)	Jyothi Yarraji

- (A) a – i, b – iv, c – iii, d – ii
 - (B) a – i, b – iii, c – iv, d – ii
 - (C) a – iv, b – i, c – ii, d – iii
 - (D) a – iv, b – iii, c – ii, d – i
-

73. Which of the following statements regarding international environment related protocols/agreements are correct?

- (I) The Montreal Protocol addresses ozone depletion.
 - (II) The Paris Agreement aims to limit global warming to well below 2°C.
 - (III) The Kyoto Protocol (1997) committed developed nations to an average of 5% GHG reduction over 2008–2012.
- (A) (I), (II) and (III) are correct
 - (B) Only (I) and (II) are correct
 - (C) Only (II) and (III) are correct
 - (D) Only (I) and (III) are correct
-

74. Consider the following statements and select the correct answer using the codes given below:

- (I) Depreciation of currency improves exports.
 - (II) Depreciation of currency improves imports.
 - (III) Appreciation of currency improves exports.
 - (IV) Appreciation of currency worsens the imports.
- (A) Only (II) is correct
 - (B) (I), (II) and (III) are correct
 - (C) (I), (II) and (IV) are correct
 - (D) Only (I) is correct
-

75. The 'scalar chain' in management refers to

- (A) Chain of customers
 - (B) Line of authority from top to bottom
 - (C) Line of responsibility from top to bottom
 - (D) Distribution channel in marketing
-

76. Match the List-I (Management Thinkers) with List-II (Contributions) and choose the correct option.

List-I (Management Thinkers)		List-II (Contributions)	
(a)	F.W. Taylor	(i)	Administrative principles of management
(b)	Henri Fayol	(ii)	Human relations approach
(c)	Elton Mayo	(iii)	Scientific management principles
(d)	Peter F. Drucker	(iv)	Management by objectives

- (A) a – iii, b – i, c – iv, d – ii
 - (B) a – i, b – iii, c – iv, d – ii
 - (C) a – iii, b – ii, c – iv, d – i
 - (D) a – iii, b – i, c – ii, d – iv
-

77. Which of the statements given below is/are correct?

- (a) Angel investors provide funding at an early stage of a startup.
 - (b) An IPO allows a company to raise funds from the public.
 - (c) All startups must go for IPO to survive.
- (A) (a) and (b)
 - (B) (b) and (c)
 - (C) (c) only
 - (D) (a) and (c)
-

78. The 'Desert National Park' is located in which of the following places?

- (A) Jodhpur and Bikaner
- (B) Jaisalmer and Barmer

- (C) Jaisalmer and Jodhpur
 (D) Barmer and Bikaner

79. Match the items in List-I with items in List-II and choose the correct answer.

List-I		List-II	
(a)	Solar cell	(i)	Perfect diamagnet
(b)	LED	(ii)	Voltage-controlled Voltage Source (VCVS)
(c)	Op-amp	(iii)	Photovoltaic device
(d)	Superconductor	(iv)	p-n junction diode

- (A) a – iv, b – i, c – ii, d – iii
 (B) a – iii, b – iv, c – ii, d – i
 (C) a – ii, b – iv, c – i, d – iii
 (D) a – iii, b – i, c – ii, d – iv

80. Which organization/foundation has instituted and sponsoring the prestigious 'Saraswati Samman' literary award?

- (A) K.K. Birla Foundation
 (B) Azim Premji Foundation
 (C) Sahitya Akademi
 (D) Infosys Foundation

81. Match the states in List-I with its famous dance form in List-II.

List-I		List-II	
(a)	Kerala	(i)	Bharatanatyam
(b)	Assam	(ii)	Kathakali
(c)	Tamil Nadu	(iii)	Kuchipudi
(d)	Andhra Pradesh	(iv)	Sattriya

- (A) a – iii, b – iv, c – i, d – ii
 (B) a – ii, b – iv, c – i, d – iii

- (C) a – iv, b – ii, c – iii, d – i
(D) a – ii, b – iii, c – i, d – iv
-

82. Which is the correct sequence of the court/field dimensions of the following games from small court to large court?

- (a) Basketball
(b) Football
(c) Handball
(d) Tennis
(e) Badminton
- (A) (e), (d), (a), (c), (b)
(B) (e), (a), (d), (b), (c)
(C) (d), (c), (a), (b), (e)
(D) (d), (a), (c), (e), (b)
-

83. Which is the correct sequence of the process of communication?

- (a) Receiver
(b) Encoder
(c) Channel
(d) Source
- (A) (a), (c), (b), (d)
(B) (b), (d), (a), (c)
(C) (c), (a), (b), (d)
(D) (d), (b), (c), (a)
-

84. Consider the following statements regarding business reports:

- (a) A good report should be objective and concise.
- (b) Reports should contain verified facts and findings.
- (c) Visual aids like graphs disrupt the flow in reports.
- (d) Business reports should avoid any logical structure.

Which of the statements given above are correct?

- (A) (a), (b) and (c) only
- (B) (c) and (d) only
- (C) (a) and (d) only
- (D) (a) and (b) only

85. Consider the following statements regarding Indian puppetry.

Statement I: 'Kathputli' is a form of shadow puppetry originating from the state of Rajasthan.

Statement II: 'Tholpavakoothu' is a traditional glove puppet form practised in Kerala.

- (A) Both Statements I and II are correct
- (B) Statement I is correct; Statement II is incorrect
- (C) Statement I is incorrect; Statement II is correct
- (D) Both Statements I and II are incorrect

86. Match the playwrights in List-I with their most iconic play in List-II.

List-I		List-II	
(a)	Girish Karnad	(i)	Andhayug
(b)	Vijay Tendulkar	(ii)	Adhe-Adhure
(c)	Mohan Rakesh	(iii)	Sakharam Binder
(d)	Dharamvir Bharati	(iv)	Hayavadana

- (A) a – iv, b – i, c – ii, d – iii
- (B) a – iv, b – iii, c – ii, d – i
- (C) a – iv, b – iii, c – i, d – ii
- (D) a – iii, b – i, c – ii, d – iv

87. The first Indian Hindu Marriage Act was enacted after Independence in the year:

- (A) 1951
 - (B) 1952
 - (C) 1953
 - (D) 1955
-

88. The Tibetan Buddhist settlement at Bylakuppe is situated in which taluk?

- (A) Periyapatna
 - (B) Chamarajanagar
 - (C) Srirangapatna
 - (D) Mandya
-

89. Match the authors with their plays/books.

List-I		List-II	
(a)	Rabindranath Tagore	(i)	Mrityunjay
(b)	Sumitranandan Pant	(ii)	Mahamayi
(c)	Chandrashekhara Kambara	(iii)	Chidambara
(d)	Birendra Kumar Bhattacharya	(iv)	Post Office

- (A) a – iv, b – iii, c – ii, d – i
 - (B) a – iii, b – iv, c – i, d – ii
 - (C) a – ii, b – iii, c – iv, d – i
 - (D) a – iv, b – i, c – iii, d – ii
-

90. Who coined the phrase 'Unity in Diversity'?

- (A) Mahatma Gandhi
 - (B) Jawaharlal Nehru
 - (C) Sardar Vallabhbhai Patel
 - (D) Rabindranath Tagore
-

91. Magna Carta was signed in the year

- (A) 1066
 (B) 1498
 (C) 1215
 (D) 1688

92. Match the Features of the Indian Constitution with their sources.

List-I		List-II	
(a)	Fundamental Rights	(i)	South Africa
(b)	Directive Principles of State Policy	(ii)	U.S.A.
(c)	Parliamentary Government	(iii)	Ireland
(d)	Election of Rajya Sabha Members	(iv)	U.K.

- (A) a – ii, b – iii, c – iv, d – i
 (B) a – iii, b – ii, c – iv, d – i
 (C) a – ii, b – iv, c – iii, d – i
 (D) a – iv, b – iii, c – ii, d – i

93. Match the authors with their works.

List-I		List-II	
(a)	David Szalay	(i)	The Wilderness
(b)	Samantha Harvey	(ii)	The Seven Moons of Maali Almeida
(c)	Paul Lynch	(iii)	Prophet Song
(d)	Shehan Karunatilaka	(iv)	Flesh

- (A) a – ii, b – i, c – iii, d – iv
 (B) a – iv, b – i, c – iii, d – ii
 (C) a – iv, b – iii, c – i, d – ii
 (D) a – i, b – ii, c – iii, d – iv

94. Select the correct objectives of 'Khelo India' Games among the following using the codes given below:

- (i) Providing scholarship to sports persons
 - (ii) Promoting grassroot talent
 - (iii) Providing structured training
 - (iv) Promoting international level elite athletes
- (A) (i), (ii) and (iii)
- (B) (i), (iii) and (iv)
- (C) (ii), (iii) and (iv)
- (D) (i) and (ii) only
-

95. Arrange the following Indian Satellites according to chronological order of launch:

- (i) INSAT
 - (ii) Aryabhata
 - (iii) EDUSAT
 - (iv) GSAT
- (A) (ii), (i), (iv), (iii)
- (B) (ii), (iii), (i), (iv)
- (C) (ii), (i), (iii), (iv)
- (D) (ii), (iii), (iv), (i)
-

96. The Nobel Peace Prize for the year 2025 was awarded to _____ country's activist _____ for "her struggle to achieve a just and peaceful transition from authoritarian rule to democracy".

- (A) Bangladesh, Laila Rahman
 - (B) Iraq, Nadia Murad
 - (C) Venezuela, Maria Corina Machado
 - (D) Belarus, Sviatlana Tsikhanouskaya
-

97. Consider the following statements about the Padma Shri Award:

- (i) Padma Shri Award is the highest civilian award in India.
- (ii) It is awarded for distinguished service in various fields.
- (iii) It was instituted in 1954.
- (iv) It cannot be awarded to foreign nationals.

Which of the statements given above is/are correct?

- (A) (i) and (iv) only
 - (B) (ii) and (iii) only
 - (C) (i) and (iii) only
 - (D) (i), (ii) and (iii) only
-

98. Which statesman from Karnataka was awarded the Bharat Ratna for his exceptional contributions to public service and administration, economic planning and industrial development, irrigation and water resource management, engineering and nation-building?

- (A) S. Nijalingappa
 - (B) M. Visvesvaraya
 - (C) Devaraj Urs
 - (D) Kengal Hanumanthaiah
-

99. Which Indian cricketer was included in the ICC Hall of Fame in 2025?

- (A) Virat Kohli
 - (B) M.S. Dhoni
 - (C) Rohit Sharma
 - (D) Ravindra Jadeja
-

100. The 'Common Carbon Metric' supported by UNEP has been developed for

- (A) Assessing the carbon footprint of building operations around the world
 - (B) Enabling commercial farming entities around the world to enter carbon trade
 - (C) Enabling governments to assess the overall carbon footprint caused by their countries
 - (D) Assessing the overall carbon footprint caused by the use of fossil fuels by the world in unit time
-