

QUESTION BOOKLET

QUESTION BOOKLET No. :

228

Name

Hall Ticket No.

Centre

Time : Two Hours

Total Marks : 100

INSTRUCTIONS TO CANDIDATES

BEFORE ANSWERING, PLEASE READ THE INSTRUCTIONS CAREFULLY

1. Write your Name, Hall Ticket No. Centre Name in the space provided on this booklet above.
2. Please darken the correct choice on the answer sheet with the help of the HB Pencil. DO NOT USE PEN or INK to darken the rectangle / oval.
3. Please write the particulars, like Name and Hall Ticket No. Etc as asked on the Answer Sheet USING INK or BALL POINT PEN.
4. Answer Sheet along with Question Booklet must be submitted to the invigilators as soon as the time is over.
5. Each question carries one (1) mark.
6. Use of Calculator's Cell phones, Slides and Logarithmic tables is strictly prohibited.
7. For any rough work, use the rough page given at the end of this booklet.
8. Please select only one alternative (A,B,C,D) for each question.
9. Please avoid overwriting or markings on Question Paper.

Directions (Qs. 1 to 5) :

In the following questions, each sentence has four underlined portions marked **a**, **b**, **c** and **d**. Choose the portion which must be changed so that, the sentence becomes correct.

- The place was (a) / lovely and the whether (b) / fine, but amidst (c) / the same screams (brats and the chatter of women, I could not enjoy (d) / the outing.
A (a) B (b) C (c) D (d)
- Considering (a) / it was not worth replying to (b) / I threw the letter (c) in (d) the waste paper basket.
A (a) B (b) C (c) D (d)
- It was mainly his (a) sense of humour that made (b) / him the best (c) among the other (d) teachers we had.
A (a) B (b) C (c) D (d)
- A (a) good manager always stands behind (b) / his subordinates when they commit (c) errors inadvertently (d) which must be changed so that, the sentence becomes correct.
A (a) B (b) C (c) D (d)
- Enclosed with (a) / this letter was (b) / a signed affidavit and a carbon copy (c) / of his request to (d) our main office.
A (a) B (b) C (c) D (d)

Directions (Qs. 6 to 8) :

Each of these Question below consists of a word in capital Letters, followed by four words, select the word which expresses the meaning of the word in capital letters.

- PROPITIATE
A. Conform B. Appease C. Influence D. Approach
- PREMONITION
A. Insight B. Uncertainty C. Forewarning D. Scope
- DEROGATORY
A. Injurious B. Shattering C. Destructive D. Disparaging

Directions (Qs. 9 to 11) :

Each of these Questions consists of a word in capital Letters, followed by four words, select the word that is opposite in meaning to the word in capital letters.

- INCONGRUOUS
A. Conflicting B. Contradicting C. Ill-matched D. Harmonious

0. IMPROMPTU

- A. Prompt B. Forced C. Premeditated D. Inordinate

11. TIMOROUS

- A. Trembling B. Cowardly C. Bright D. Bold**

Directions (Qs. 12 to 15) :

Complete the sentence by choosing the correct collective noun from the given options.

12. The hunter spotted a _____ near the lake in the forest.
- A. Brace of game-birds B. Swam of game - birds
- C. Group of game-birds D. Group of game-birds.

13. The Rashtrapathy Bhavan has a _____
- A. Collection of rooms B. Suite of rooms
- C. Gathering of rooms D. Collection of rooms

14. The police was called in to disperse a _____ who turned violent.
- A. Family of rioters B. Crowd of voter's
- C. Mob of rioters D. Group of rioter's

15. During the festive season of Dusshera, one can see a _____ in the temples
- A. Congregation of worshipper's B. Crowd of worshippers
- C. Fleet of worshippers D. Group of worshippers

18. Match the following :

- | | | | |
|----|--------------------------------|----|--------------------------------|
| a. | Chief Election Commissioner | 1. | Elected by Rajya Sabha |
| b. | Deputy Chairman of Rajya Sabha | 2. | Elected by Lok Sabha |
| c. | Chairman of the PAC | 3. | Appointed by Lok Sabha Speaker |
| | | 4. | Appointed by the President |
-
- | | | | |
|----|---|---|---|
| | a | b | c |
| A. | 4 | 1 | 3 |
| C. | 1 | 4 | 2 |
-
- | | | | |
|----|---|---|---|
| | a | b | c |
| B. | 2 | 3 | 4 |
| D. | 4 | 1 | 2 |

17. The maximum strength of Lok Sabha envisaged by the constitution is now
- A. 552 B. 548 C. 545 D. 542

18. The quadrilateral formed by the four angular bisectors of a given parallelogram is...
- A. A square B. A rhombus C. A trapezium D. A rectangle
19. India was partitioned by the
- A. Cabinet Mission B. Mountbatten Plan
C. Cripps Mission D. None of these
20. The first session of the Indian National Congress was held under the presidency of
- A. A.O. Home B. B. Malabari
C. Badruddin Tyabji D. W.C. Bannerjee
21. Consider the following events.
1. Swadeshi movement
 2. Home Rule movement
 3. Anti-Rowlatt Act movement
 4. Kallafat movement
- Their correct chronological order is
- A. 1,2,3,4, B. 1,2,4,3 C. 2,1,4,3 D. 3,1,2,4
22. Laparoscopy is connected with
- A. Radars B. Study of Laser beams
C. Science of tissues D. Study gynaecological operations
23. The maximum number of common tangents, two circle in the same plane have
- A. 1 B. 2
C. 3 D. 4
24. Which of the following statements provides the correct classification of plant kingdom?
- A. Plants can make their own food using CO_2 and water in sunlight.
B. Plants are fixed
C. Plant cells have a firm cell wall made up of cellulose.
D. Plant cells have vacuoles.

25. In a certain code, PEAK is written as '3512' and DINE is written as '6895'. How is KIND written in that code?

A. 2396
B. 2986
C. 2896
D. 2596

26. Recently Union Defence Minister launched army's strategic broad band satellite network. It is named

A. Mercury Flash
B. Pluto Flash
C. Army Satellite
D. Eastern Star

27. What does the abbreviation ATR stand for?

A. Action taken Result
B. Actually True Report
C. Action taken Report
D. Action taken Rejoinder

28. Which of the following companies has started a rural marketing network called "e-chaupal"?

A. ITC
B. Dabur
C. Hindustan Lever
D. Procter & Gamble

29. Which of the following Indians has been recently conferred Nelson Mandela award for Minority Empowerment?

A. Ms. Margaret Alva
B. Ms. Girija Vyas
C. Ms. J. Natarajan
D. Ms. Ambika Soni

30. At which of the following places India's First Net Route Server has been set-up?

A. Mumbai
B. Noida
C. Chennai
D. Hyderabad

31. Which of the following FORTUNES 500 Indian Companies has suffered loss for the first time in the first quarter of 2005-06?

A. Indian Oil Corporation
B. ONGC
C. Reliance Industries
D. Bharat Petroleum Corporation

32. Which of the following cities would host 2012 Olympic Games?

A. Paris
B. New York
C. London
D. Madrid

33. The first Computer-Language developed was

A. COBOL
B. BASIC
C. FORTRAN
D. PASCAL

34. 'Smasher' is associated with which of the following sports?
 A. Boxing B. Wrestling
 C. Football D. Volleyball
35. The total number of vertebrae in a Human being is
 A. 30 B. 33
 C. 26 D. 29
36. The weights of 15 students (in kg) are as follows.
 31, 35, 27, 29, 32, 43, 37, 41, 34, 28, 36, 44, 45, 42, 30. The median is
 A. 36 B. 37
 C. 35 D. 41
37. The value of $\sin^2 120^\circ + \cos^2 120^\circ + \tan^2 60^\circ =$
 A. 3.75 B. 4.25 C. $1/2$ D. $3/2 + 1$
38. A race track is in the form of a ring whose inner circumference is 440m and outer circumference is 506m. Find the width of the track.
 A. 21m B. 10.5 C. 3.5m D. 7m
39. The principal that amounts to Rs. 55125 at 5% compound interest in 2 years is
 A. 50,000 B. 30,000 C. 60,000 D. 40,000
40. The sum of a number and its reciprocal is $26/5$. The number is ...
 A. 4.8 B. 4 C. $1/5$ D. $5/6$
41. If the diameter of a circle is increased by 100% the increase in area is...
 A. 100% B. 200% C. 400% D. 300%
42. If $x+y+z=0$, the value of $X^2/yz + y^2/zx + z^2/xy =$
 A. 0 B. 1 C. 2 D. 3
43. The LCM of $x^3-12x^2+44x-48$ and $x^3-10x+24$ is
 A. $(x-4)$ B. $(x-4)(x-6)(x-2)$ C. $(x-b)(x-2)$ D. x^2-5x+6
44. $\sqrt{\frac{0.00001225}{0.00005229}}$ is equivalent to $\frac{1}{\sqrt{0.00005229}}$
 A. $25/77$ B. $35/73$ C. $35/77$ D. $25/73$
45. The last digit of $71 \times 72 \times \dots \times 79$ is
 A. 0 B. 1 C. 9 D. 7

3. _____ is a very small computer that can be held in the form of the hand.
- A. PDA B. PC C. Lap top D. Mini Computer
47. The processor is a _____ chip plugged onto the mother board in a computer system.
- A. LSI B. VLSI C. VLSI D. XLSI
48. The set of wires, which carry information in a controlled manner is called.
- A. System bus B. Public bus C. Private bus D. None of these
49. The fastest memory in a computer system is _____
- A. ROM B. RAM C. Cache D. None of these
50. In the sequence of events, that takes place in an instruction cycle, the first cycle is _____
- A. Store cycle B. Executive cycle C. Fetch cycle D. Decode cycle
51. Unix OS was first developed by _____
- A. Dennis Ritchie B. Bjarne stroustrup C. Ken Thompson D. Brian Kernigham
52. Unix is a
- A. Single user, Single tasking OS.
- B. Single user, multi tasking OS.
- C. Multi user, Multi tasking OS.
- D. None of the above.
53. Which of the following is best suited for Bank cheques?
- A. OCR B. OMR C. BAR D. MICR
54. The _____ is also called as letter quality printer.
- A. Dot Matrix Printer B. Ink Jet Printer
- C. Daisy wheel printer D. Laser Printer
55. What does the term Ajax (a web development technique to create interactive web applications) stand for?
- A. Authorised Java and XHTML
- B. Asynchronous Java Script and XML
- C. Advanced Java Script XML
- D. Apache, Java Script and XHTML

56. LCD stands for _____
- | | |
|----------------------------|---------------------------|
| A. Liquid colour display | B. Light colour display |
| C. Lithium Crystal Display | D. Liquid Crystal Display |
57. The operating system that is self contained in a device and resident in the ROM is...
- | | |
|------------------------------|-------------------------------------|
| A. Batch Processing System | B. Real-time operating system |
| C. Embedded operating system | D. Multi-processor Operating system |
58. Artificial Intelligence is concerned with making computer behave like...
- | | |
|-------------------|-------------------|
| A. Human | B. Robots |
| C. Home appliance | D. None of these. |
59. Fuzzy logic has been very successful in _____ applications.
- | | |
|---------------------|----------------------|
| A. Washing Machines | B. Air conditioner's |
| C. Dishwasher | D. All of these |
60. Some of the commonly occurring threats to a Network are.....
- | | |
|-------------------------|--------------------|
| A. Errors and omissions | B. Fraud and theft |
| C. Hacker's | D. All of these |
61. _____ is the software program, named after the Greek mythology about the Trojan War.
- | | |
|-------------|-----------------|
| A. Worm | B. Logic bomb |
| C. Trapdoor | D. Trojan horse |
62. Cryptography technique relies on _____
- | | |
|---------------------|------------------|
| A. Algorithm | B. Key |
| C. Both (A) and (B) | D. None of these |
63. Firewall application is used for
- | | |
|---|---------------------|
| A. Trapping inbound or outbound packets | B. Scanning viruses |
| C. Encrypting messages | D. None of these |
64. Biometric technique makes use of _____ for authentication
- | | |
|----------------|---------------------|
| A. Fingerprint | B. Eye's retina |
| C. Credit Card | D. Both (A) and (B) |
65. What is 'Spam'?
- | | |
|------------------------|------------------------------|
| A. Commercial messages | B. Tightening of muscles |
| C. Unsolicited e-mail | D. Unsolicited Advertisement |

- Which company bought Hotmail from its founder's?
- A. Draper fisher Jurretson (DFJ) B. Microsoft
C. Sabeer Bhatia Incorp D. DFJ. com
67. Which of these is not an e-commerce activity?
- A. B2B B. C2B
C. B2A D. C2C
68. Which of the following is not a mobile phone service?
- A. SMS B. MMS
C. Ringtone D. PST
69. Which of the following language is used by WAP?
- A. HTML B. WML
C. XML D. Both (A) and (B)
70. GPS stands for.....
- A. Global Posting System B. Global Pasting System
C. Global Positioning System D. None of these
71. Information is needed for ...
- A. Communication B. Decision - making
C. Both (A) and (B) D. none of these
72. Which of the following option is included in E-learning?
- A. Computer-based training B. Web-based training
C. Both (A) and (B) D. None of these
73. With the emerging role of IT, which of the following option has been affected?
- A. Cost benefits B. Marketing
C. Security D. All of these
74. One of the latest technologies in mobile computing is....
- A. PSTN B. Multimedia
C. GPRS D. News-pad
75. Electronic Bulletin Board is an Internet service used for:
- A. Assessing Internet B. Leaving messages and accessing the required information through the software
C. Collecting information using different software on the Internet.
D. Chatting on the Internet.

76. Virtual classroom is the online learning space meant for...
- A. Listening to pre-recorded audio comments to enhance knowledge.
 - B. Learning from home using computer.
 - C. Providing teaching at Home
 - D. None of these.
77. What is Microsoft upcoming operating system known as?
- A. Windows 2005
 - B. Windows YP
 - C. Longhorn
 - D. Gen Next
78. PHP is a server-side HTML embedded scripting Language. Expand the acronym
- A. Pre-Hypertext Processor
 - B. Hyper text Pre-Processor
 - C. Post-Hypertext Processor
 - D. Pro Hypertext Processor
79. The .db extension refer to, what type of a file?
- A. Paradox database
 - B. Hypertext related file
 - C. Image file
 - D. Backup file
80. What is the term of an attack in which thousands of copies of a mail are sent to a single mailbox?
- A. Mail attack
 - B. Spambot
 - C. E-mail Bomb
 - D. E-mail overload
81. What does 'Sun' in sun microsystems stand for?
- A. Stanford University Network
 - B. Silicon United Network
 - C. Silicon Union Networking
 - D. Stanford Unified Network
82. A cell range is represented as follows
- A. (A6 . A8)
 - B. (A6 - A8)
 - C. (A6 : A8)
 - D. (A6, 48)
83. Which of the following is application software?
- A. Database Management Systems
 - B. Image Editor
 - C. Spread sheets
 - D. All of these
84. Usually installation file have the extension...
- A. .doc.
 - B. .gif
 - C. .exe
 - D. .jpeg

Which of the following is not an Option in Notification Area dialog box?

- A. Lock the Task Bar
 - B. Auto-Hide the Taskbar
 - C. Shut Down
 - D. Show Quick Launch
86. System Restore Utility helps to restore files and folders from.
- A. Unreliable and unstable systems
 - B. Disk Drives
 - C. My Network - places
 - D. CD-Rom
87. The transmission mode which allow both communicating devices to transit and receive data simultaneously is...
- A. Simplex
 - B. Full - duplex
 - C. Half - duplex
 - D. None of these
88. The Network topology is which devices are not linked to each other and where hub acts as a central controller is
- A. Mesh topology
 - B. Star topology
 - C. Ring topology
 - D. Tree topology
89. Which of the following cables support the highest bandwidth and faster transmission rate?
- A. Twisted pair cable
 - B. Coaxial cable
 - C. UTP cable
 - D. Fibre Optic cable
90. A compact disc provides _____ type of data access.
- A. Sequential
 - B. Direct
 - C. Both (A) and (B)
 - D. None of these
91. A (n) _____ is detailed, technology independent specification of the overall structure of the database.
- A. User view
 - B. Physical Schema
 - C. Conceptual schema
 - D. External Schema
92. What tools are very useful while developing a software system?
- A. Editors, Linkers
 - B. Syntax - directed editor
 - C. Debuggers, interpreters
 - D. All the above
93. The most appropriate form of graphics used for presenting facts and figure information is...
- A. Flow - chart
 - B. Back - ground
 - C. Charts and graphs
 - D. 2D graphics

94. Good quality video and higher resolution image is achieved through
- AVI
 - Quick Time
 - MPEG
 - None of these
95. Programming tools help in....
- Producing readable code
 - Making the program logic easier
 - Reducing the size of programs
 - None of these.
96. Query language comes under....
- Third Generation
 - Fourth Generation
 - Fifth Generation
 - None of these
97. Usually the e-mail address is in :
- Proper Case
 - Lower Case
 - Upper case
 - All of these
98. What would be the output of the following program -
- ```

main ()
{
 printf ("n%x", -1 > 4);
}

```
- ffff
  - offf
  - oooo
  - fffo
99. SQL is \_\_\_\_\_ type of Language.
- Low level
  - Procedural
  - High level
  - Non Procedural
100. Which of the following statement is true about Access tables?
- A database may contain more than one table.
  - There can be more than one primary key in an Access table.
  - A database contains only one table.
  - Access table cannot store images.