060/2017

**Question Booklet
Alpha Code**

A

**Question Booklet
Serial Number**

Total Number of Questions : 100   **Time : 75 Minutes**

Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A, B, C** & **D**.

2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.

3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.

4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.

5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.

6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.

7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.

8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.

9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**

10. Each question is provided with four choices **(A), (B), (C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.

11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**

12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.

13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

1. World's first electronic general-purpose computer
   A) ENIAC
   B) Colossus
   C) Abacus
   D) CDC 6600

2. What is the maximum number of pages in a publication that Adobe Pagemaker Supports ?
   A) 99
   B) 999
   C) 9999
   D) 99999

3. Which was the first super computer developed by C-DAC ?
   A) PARAM 10000
   B) PARAM Yuva
   C) PARAM 8000
   D) PARAM 8600

4. Which of the following is not a processor manufacturer ?
   A) Intel
   B) AMD
   C) Qualcomm
   D) Microsoft

5. Transistor was invented in
   A) 1947
   B) 1946
   C) 1945
   D) 1944

6. Personal computers normally use _____ processors.
   A) micro
   B) mini
   C) macro
   D) super

7. Performance of a super computer is measured in
   A) FLOPS
   B) MIPS
   C) KIPS
   D) GHz

8. What is plotter ?
   A) Input device
   B) Output device
   C) I/O device
   D) None of the above

9. What is RAM ?
   A) Volatile Memory
   B) Non-volatile Memory
   C) Secondary Memory
   D) Both B and C

A

10. Light pen is an
    A) Output device
    B) Input device
    C) Both A and B
    D) None of the above

11. ROM stands for
    A) Read Out Memory
    B) Random Operation Memory
    C) Read Only Memory
    D) None of the above

12. Which of the following is used for cache memory ?
    A) SRAM
    B) DRAM
    C) ROM
    D) None of the above

13. What is the main purpose of ROM in computer ?
    A) To start a computer
    B) To stop a computer
    C) Both A and B
    D) None of the above

14. Which of the following components are connected by motherboard ?
    A) Hard drive
    B) Sound card
    C) Microprocessor
    D) All of the above

15. What is nibble ?
    A) 2 bits
    B) 3 bits
    C) 4 bits
    D) 7 bits

16. 1024 TB = _____ ?
    A) 1 EB
    B) 1 ZB
    C) 1 PB
    D) 1 GB

17. Keyboard and mouse can be connected with computer using
    A) DIN connector
    B) PS/2 connector
    C) USB port
    D) Both B and C

18. What is the use of Ethernet port ?
    A) To connect to a computer network
    B) To connect monitor
    C) To connect printer
    D) All of the above

A

19. What is GIMP ?

    A) System Software   B) Operating System

    C) Application Software   D) Both A and B

20. Unix is an

    A) Application Software   B) Utility Software

    C) Both A and B   D) Operating System

21. NIC can be connected with motherboard using

    A) PCI   B) ISA

    C) Both A and B   D) None of the above

22. Which of the following is not an operating system ?

    A) Mac OS   B) Solaris

    C) Open Office   D) MS-DOS

23. Which of the following is fastest ?

    A) Compiler   B) Interpreter

    C) Both A and B   D) None of the above

24. Domain Name System is used to convert

    A) IP address to name   B) Name to IP address

    C) Both A and B   D) None of the above

25. What is BIOS ?

    A) Hardware   B) Firmware

    C) Software   D) None of the above

26. Who is proposed the idea of stored program computer ?

    A) Charles Babbage   B) Alan Turing

    C) John Von Neumann   D) Blaise Pascal

A

27. What is the use of REN command in MS-DOS ?

    A) Delete   B) Erase

    C) Copy   D) Rename

28. Virtual memory is _____ technique of Operating System.

    A) Process Management   B) Memory Management

    C) File Management   D) I/O Management

29. Latest version of Windows Operating System

    A) Windows 8   B) Windows 9

    C) Windows 10   D) Windows Vista

30. Upcoming version of Android OS

    A) Marshmallow   B) Lollipop

    C) Nougat   D) Kitkat

31. Microsoft's new web browser

    A) Spartan   B) Edge

    C) IE 10   D) Cortana

32. Object oriented programming follows which approach ?

    A) Top down   B) Bottom up

    C) Procedural   D) None of the above

33. *l*s command at linux terminal is used for

    A) Send files   B) Copy files

    C) List files   D) Delete files

34. While loop in C++ is _____ loop.

    A) Exit controlled   B) Entry controlled

    C) Both A and B   D) None of the above

35. What is the size of ASCII code ?

    A) 7 bit   B) 8 bit

    C) 12 bit   D) 16 bit

36. What is the use of new operator in C++ ?

    A) Memory release operator   B) Line feed operator
    C) Memory allocation operator   D) Field width operator

37. What is the use of constructor in C++ ?

    A) To initialize objects   B) To terminate objects
    C) To modify objects   D) To delete objects

38. What is the size of ISCII code ?

    A) 7 bit   B) 8 bit
    C) 16 bit   D) 32 bit

39. Class A and Class B are inherited by Class C. Then what type of inheritance it is ?

    A) Single   B) Hierarchical
    C) Multi level   D) Multiple

40. What is testing ?

    A) Finding errors   B) Correcting errors
    C) Finding efficiency   D) Both A and C

41. getch( ) function is defined in

    A) iostream.h   B) iomanip.h
    C) stdio.h   D) conio.h

42. Documentation in programming helps for

    A) Readability   B) Understandable
    C) Easily modifiable   D) All of the above

43. Latest microprocessor from Intel

    A) Intel Core i7   B) Intel Core 2 Duo
    C) Inter Core 2 Quad   D) Intel Quad-Core

44. Java uses

    A) Compilation technique   B) Interpretation technique
    C) Both A and B   D) None of the above

45. <p> tag in html is used for

    A) Defines paragraph   B) Define a parameter

    C) Defines preformatted text   D) Defines progress of a task

46. What is the use of <a> tag in html ?

    A) Defines a hyperlink   B) Defines an abbreviation

    C) Defines address   D) Defines area

47. Garbage collection in java program is done by

    A) Java compiler   B) JAR

    C) JVM   D) Both A and B

48. Which datatype that can be used to declare alpha numeric values in VB ?

    A) Numeric   B) Text

    C) String   D) Boolean

49. What is the use of Mod operator in VB ?

    A) exponent   B) divide

    C) integer division   D) remainder of division

50. What is the relevance of main( ) function in C++ ?

    A) Starting point   B) End point

    C) Not relevant   D) None of the above

51. Overriding means

    A) Functions having same name   B) Functions having same arguments

    C) Functions having same return type   D) All of the above

52. What was Y2K problem ?

    A) Virus   B) Bug

    C) Trojan   D) Worm

53. Firewall monitors and controls

    A) Incoming traffic   B) Outgoing traffic

    C) Both A and B   D) None of the above

54. A hub _____ every packets to every one of it's ports.
   A) Not Broadcast
   B) Broadcast
   C) Rejects
   D) None of the above

55. SMPS in PC is used for
   A) Power conversion
   B) Stabilize the output voltage
   C) Reduce the overall power loss
   D) All of the above

56. Cookies are stored in
   A) Web server
   B) Web client
   C) Both A and B
   D) None of the above

57. Which is the latest and speedy hard drive connection method ?
   A) SATA
   B) PATA
   C) IDE
   D) None of the above

58. Optical fibre cable uses _____ to carry data or information.
   A) Light
   B) X-ray
   C) Electricity
   D) None of the above

59. Anti-virus software is used for
   A) Detect virus
   B) Remove virus
   C) Quarantine virus
   D) All of the above

60. Common file name extensions of C++ programs are
   A) .cpp
   B) .cc
   C) both A and B
   D) none of the above

61. Which of the following is a video file format ?
   A) JPEG
   B) MPEG-4
   C) MP3
   D) JPG

62. GIMP is an acronym for
   A) Graphical Image Manipulation Program
   B) GNU Image Manipulation Program
   C) General Image Manipulation Program
   D) Genuine Image Manipulation Program

63. From GIMP 2.8, what is the default file format for saving images ?
   A) JPG
   B) PNG
   C) JPEG
   D) XCF

64. Adobe Illustrator is used for
   A) Graphic design
   B) Web design
   C) Both A and B
   D) None of the above

65. CorelDraw enables you to create _____ in a single file.
   A) Multiple pages
   B) Single page
   C) No page
   D) None of the above

66. Adobe Photoshop is mainly used for
   A) Video editing
   B) Sound editing
   C) Image editing
   D) All of the above

67. Latency time of hard drive means
   A) Time to reach correct track
   B) Time to reach correct sector
   C) Time to reach correct cylinder
   D) All of the above

68. DVD stands for
   A) Digital Versatile Disc
   B) Digital Video Disc
   C) None of the above
   D) Both A and B

69. RDBMS is a _____ Database Management System.
   A) Network
   B) Object oriented
   C) Hierarchical
   D) Relational

70. Standard for SQL is defined by
   A) W3C
   B) IEEE
   C) ISI
   D) ANSI

71. Which of the following is not a DDL Command ?
   A) Create
   B) Delete
   C) Alter
   D) Drop

A

72. Collection of records of a specific type
    A) Database
    B) Table
    C) Field
    D) Touple

73. Which of the following is a correct declaration in VB ?
    A) Dim array1 [20]
    B) Dim array1 (20) as string
    C) Dim array1 {20}
    D) Dim array1 {20} as string

74. What is the base of Hexa decimal number system ?
    A) 13
    B) 14
    C) 15
    D) 16

75. Different types of polymorphism supported by C++
    A) Compile time polymorphism
    B) Run time polymorphism
    C) None of the above
    D) Both A and B

76. First programming language
    A) COBOL
    B) Ada
    C) SIMULA
    D) FORTRAN

77. C++ is a _____ of C.
    A) Superset
    B) Subset
    C) Null set
    D) Disjoint set

78. Touch screen is a
    A) Input device
    B) Output device
    C) Input/output device
    D) None of the above

79. Formulas and expressions are commonly used in
    A) MS Word
    B) MS Excel
    C) MS PowerPoint
    D) MS Access

80. Which of the following software use mail merge tool ?
    A) MS Word
    B) MS PowerPoint
    C) GIMP
    D) MS Excel

81. In 1890, the first women graduate of the Calcutta University addressed the Indian National Congress Session. Who was she ?

   A) Pandita Rama Bai
   B) Kadambini Ganguly
   C) Malvika Mukerjee
   D) Annie Besant

82. What was the ultimate goal of Gandhi's Salt Satyagraha ?

   A) Repeal of Salt Laws
   B) Curtailment of the Governments power
   C) Economic relief to the common people
   D) Purna Swaraj for India

83. Who was referred as the "Ambassador of Hindu-Muslim Unity" by Sarojini Naidu in the early years of Gandhian period ?

   A) Mohammed Ali Jinna
   B) Mohammed Iqbal
   C) Maulana Azad
   D) Maulana Mohammed Ali

84. The river basin is called 'Ruhr of India' is

   A) Damodar
   B) Krishna
   C) Yamuna
   D) Godavari

85. Which city is known as the Manchester of India ?

   A) Coimbatore
   B) Chennai
   C) Surat
   D) Ahmadabad

86. Name the Indian origin man who was appointed as major General in Kyrgistan ?

   A) Ali Mirza
   B) Tahir Hussain
   C) Sheikh Rafik Mohammed
   D) Mian Saqib Nisar

87. What is the name of the new portal which has been created by Archaeological Survey of India ?

    A) Must see monuments and archaeological sites of India

    B) Wonders of India

    C) Indian Monuments

    D) Indian Past

88. Which State Government has launched the "Aarogya Raksha Family Health Insurance Scheme" on the first day of the new year ?

    A) Telangana   B) Andra Pradesh

    C) Tamil Nadu   D) Kerala

89. The chief Indian Newsprint manufacturing mill is at

    A) Nepanagar   B) Mumbai

    C) Chennai   D) Kolkata

90. Who is the author of the book "Bose : The Indian Samurai" ?

    A) Lt. General Depinder Singh

    B) Commander (Rtd.) Vijay Jerath

    C) Major General G.D. Bakshi

    D) Faith Johnston

91. The World Braille Day is observed on which date ?

    A) January – 1   B) January – 4

    C) January – 8   D) January – 12

92. Who was the temporary Chairman of the Constituent Assembly ?

    A) Dr. Ambedkar

    B) Dr. Rajendraprasad

    C) Dr. Sachchidananda Sinha

    D) Pt. Jawaharlal Nehru

93. The first Municipal Corporation of India was established at

   A) Malabar   B) Madras

   C) Calcultta   D) Bombay

94. Three-Tier System of Panchayati Raj is recommended by

   A) V.T. Krishnamachari   B) S.K. Dey

   C) Ashok Mehta   D) Balwant Rai Mehta

95. What was the theme of 20th National Conference on e-Governance in Vishakapattanam on January 2017 ?

   A) Digital Transformation

   B) Internet of Things and e-Governance

   C) Urban Governance

   D) Center of Excellence in LoT

96. Where is the Headquarters of the Islamic Military Alliance to Fight Terrorism (IMAFT) ?

   A) Tehran   B) Lahore

   C) Riyadh   D) Ankara

97. Which one of the following regions of India is regarded as an ecological hotspot ?

   A) Eastern Ghats   B) Western Ghats

   C) Vindya – Sathpura   D) Western Himalayas

98. The Indian State that produces the highest percentage of prawn is

   A) Gujarat   B) Kerala

   C) Karnataka   D) Tamil Nadu

99. Central Mining Research Station in India located at

   A) Ahmedabad   B) Dhanbad

   C) Allahabad   D) Pune

100. The tribal population in Andaman and Nicobar Islands belongs to be

   A) Negroid race   B) Mongoloid race

   C) Australoid race   D) Caucasoid race

_____

Space for Rough Work