INSTRUCTIONS TO CANDIDATES

1. Immediately after the commencement of the Examination, you should check that this Booklet does not have any unprinted or torn or missing pages or items, etc. If any of the above defects is found, get it replaced by a Complete Question Booklet of the available series.

2. Write clearly the Question Booklet Version Code **A, B, C, D** or **E,** in the appropriate space provided for the purpose, in the OMR Answer Sheet.

3. Enter the name of the Subject, Reg. No., Question Booklet version code and affix Signature on the OMR Answer Sheet. As the Answer Sheets are designed to suit the Optical Mark Reader (O.M.R.) system, special care should be taken to fill those items accurately.

4. This Question Booklet contains **100** questions carrying equal marks. All questions must be attempted. Each question contains four answers, among them one correct answer should be selected and shade the corresponding option in the OMR Answer Sheet.

5. All the answers should be marked only on the OMR Answer Sheet provided and only with a **black** or **blue** ink ball point pen. If more than one circle is shaded / wrongly shaded / half shaded for a given question no marks will be awarded.

6. Immediately after the final bell indicating the closure of the examination, stop making any further markings in the OMR Answer Sheet. Be seated till the OMR Answer Sheet is collected. After handing over the OMR Answer Sheet to the Invigilator you may leave the examination hall.

P.T.O.

1. Ctrl+ X is the shortcut for
   a) Copy
   b) Cut
   c) Paste
   d) Select

2. Set of matched tracks are called
   a) Sectors
   b) Tracks
   c) Cylinders
   d) None

3. First mechanical adding machine was invented by
   a) Blaise Pascal
   b) Gottfried
   c) Charles Babbage
   d) Joseph-Marie-Jacquard

4. Laptops, palmtops, tablets are classified as
   a) Mainframe computers
   b) Mini computers
   c) Micro computers
   d) Super computers

5. Which of the following is an output device ?
   a) Hard disk
   b) Scanner
   c) Pen drive
   d) Speaker

6. C is an example of
   a) General Purpose Language
   b) Assembly Language
   c) Low-level Language
   d) None

7. Bit is short form of
   a) Big integer
   b) Basic information technology
   c) Binary digit
   d) None

8. $(11110)_2 + (1011)_2 = ( )_2$
   a) 111001
   b) 10011
   c) 11111
   d) 101001

SPACE FOR ROUGH WORK

9. Which operator enjoys highest precedence in BASIC language ?

   a) Addition

   b) Multiplication

   c) Exponentiation

   d) Modulus

10. Shortcut for opening a new document in MS WORD is

   a) Alt + N

   b) Ctrl + Alt + N

   c) Ctrl + N

   d) None

11. Which of the following is not a valid identifier in BASIC ?

   a) A1

   b) A2

   c) 2A

   d) S_I

12. The text that is added to the margin of a document in MS WORD is

   a) Header

   b) Title

   c) Footer

   d) None

13. Which of the following is not a component of network ?

   a) Transmission lines

   b) Computer

   c) Switch

   d) Spike buster

14. LAN, WAN and MAN are types of

   a) Computers

   b) Topologies

   c) Data

   d) Networks

15. Computers are used in

   a) Education
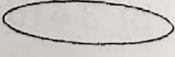
   b) Medicine

   c) Entertainment

   d) All

16. Which of the following is a valid string constant in BASIC ?

   a) 12E5

   b) 3.416

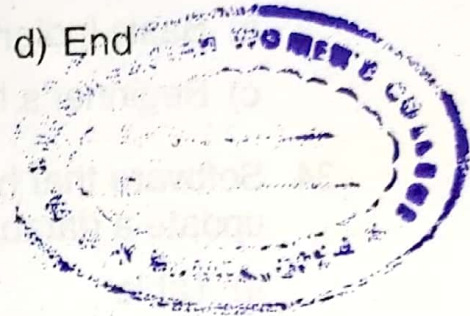   c) A + B

   d) "A + B"

SPACE FOR ROUGH WORK

C

17. To change the wallpaper in WINDOWS
    a) Start → Settings → Control panel → Wallpaper
    b) Right click on desktop → Properties → Wallpaper
    c) Both a) and b)
    d) None

18. Different views in MS PowerPoint are
    a) Normal, Web and Slide show
    b) Normal, Slide sorter and Slide show
    c) Web, Slide show and Slide sorter
    d) Normal, Web and Outline

19. URL is
    a) Address of file or web page   b) Topology
    c) Type of network   d) None

20. The extension for MS PowerPoint is
    a) .doc   b) .xls
    c) .ppt   d) .html

21. While-Wend is an example of
    a) Loop   b) Sequence
    c) Input   d) Output

22. For selecting the entire content of document in MS-WORD, the shortcut is
    a) Alt + A   b) Ctrl + Alt + A
    c) Ctrl + A   d) None

23. What is the symbol used for connector in flowchart ?
    a) ◯   b) ⬭   c) ◇   d) ▱

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SPACE FOR ROUGH WORK

C

24. Unconditional branching in BASIC is implemented by
   a) IF
   b) GOTO
   c) FOR
   d) While

25. Which key is used for deletion ?
   a) Space
   b) Backspace
   c) Enter
   d) End

26. Computers are used to
   a) Store data
   b) Process data
   c) Both a) and b)
   d) None

27. Time taken to move the head to the correct track in hard disk is called
   a) Latency time
   b) Seek time
   c) Transfer time
   d) Wait time

28. Parallel processing, networking, robots are features of
   a) Second generation computers
   b) Fifth generation computers
   c) Fourth generation computers
   d) None

29. Assembly language is also known as
   a) Machine language
   b) High-level language
   c) Symbolic language
   d) None

30. $(64206)_{10} = ( )_{16}$
   a) ACE
   b) FACE
   c) BADE
   d) None

31. Which of the following is not true ?
   a) Compiler translates full program and then executes it
   b) Interpreter translates the program line by line
   c) Both a) and b)
   d) Neither a) nor b)

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SPACE FOR ROUGH WORK

C

32. Mc Afee, Kaspersky, Dr. Solomon are examples of

    a) Virus

    b) Anti-virus

    c) Malware

    d) None

33. BIOS stands for

    a) Basic Indian Operating System

    b) Basic Input Output System

    c) Beginner's Input Output System

    d) Big Input Output Storage

34. Software that helps user perform related operations like add, delete, modify update a database

    a) Table

    b) Schema

    c) DBMS

    d) None

35. $(10101)_2 - (1110)_2 = (\quad)_2$

    a) 00111

    b) 00011

    c) 00010

    d) 01000

36. Registers are

    a) Permanent storage

    b) Temporary storage

    c) Cache storage

    d) None of the above

37. Which of the following is not a unit of memory size ?

    a) Kilobyte

    b) Gigabyte

    c) Zetabyte

    d) Zegabyte

38. Which of the following is not an input device ?

    a) Hard disk

    b) OCR

    c) Mouse

    d) Keyboard

39. EEPROM is

    a) Electronic Electric Programmable Read Only Memory

    b) Electrically Erasable Programmable Read Only Memory

    c) Electronically Erasable Programmable Read Only Memory

    d) None of the above

SPACE FOR ROUGH WORK

C

40. Dot-Matrix printer is an example of

a) Non-impact printer

b) Impact printer

c) VDU

d) None

41. Which of the following is invalid constant in BASIC ?

a) 12E5

b) 2.678

c) –12

d) ABC

42. $(10100101)_2 = (\quad)_{10}$

a) 561

b) 615

c) 165

d) 12

43. MD, CD and RD are

a) File related commands

b) C language commands

c) Directory related commands

d) All of the above

44. High-level languages are classified as

a) General and specific purpose languages

b) Machine and assembly language

c) Assembler and Translator

d) None of the above

45. Access time is

a) Time taken to access contents of memory

b) Time taken to access input device

c) Time taken to access output device

d) None of the above

46. Which of the following is not the speed of printer ?

a) Dots per inch

b) Characters per second

c) Pages per minute

d) Lines per minute

SPACE FOR ROUGH WORK

C

47. Encoding and decoding device used for data transmission is

   a) MODEM   b) CPU

   c) ALU   d) VDU

48. Machine language is not much preferred because

   a) It is difficult to program   b) It is machine dependent

   c) It is difficult to modify the programs   d) All of the above

49. Which of the following is not a secondary storage device ?

   a) Pen drive   b) Floppy disk

   c) Bar code reader   d) Speaker

50. Primary memory is of 2 types

   a) RAM and PRAM   b) RAM and ROM

   c) ROM and PROM   d) PRAM and PROM

51. What kind of referencing has been used in A$1 + $B1 ?

   a) Absolute   b) Relative

   c) Mixed   d) None

52. In WINDOWS, Wizard is used for

   a) Installing hardware   b) Installing software

   c) Configuring software   d) All of the above

53. Each application in WINDOWS has

   a) Title bar   b) Menu bar

   c) Tool bar   d) All

54. Repetition of execution of program segment is called as

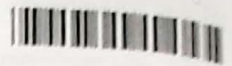   a) Branching   b) Looping   c) Sequence   d) None

SPACE FOR ROUGH WORK

55. <> represents which operator in BASIC ?

a) Equality

b) Inequality

c) Less than and greater than

d) None

56. Which of the following lies between CPU and main memory ?

a) ROM

b) Cache

c) Hard disk

d) None

57. Computer controlled integration of text, graphics and audio is called as

a) Multimedia

b) Graphics

c) Hardware

d) None

58. Control Unit, Arithmetic and Logic Unit and Registers together are called as

a) CU

b) ALU

c) CPU

d) MU

59. MICR stands for

a) Magnetic Ink Code Reader

b) Magnetic Ink Character Recognition

c) Micro Ink Code Reader

d) Money Ink Character Reader

60. Who is called Father of Computers ?

a) Charles Babbage

b) Blaise Pascal

c) Herman Holrith

d) Gottfried

61. Example of optical disk is

a) CDROM

b) WORM

c) DVD

d) All

62. Control Panel allows you to

a) Control your computer

b) Change the properties

c) Control software installation

d) All of the above

SPACE FOR ROUGH WORK

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63. The web pages on a web site are connected together by
    a) Protocols
    b) Links
    c) Sites
    d) None

64. Which is the worst topology for WAN ?
    a) Star
    b) Ring
    c) Bus
    d) Mesh

65. The formula in MS EXCEL appears in
    a) Title bar
    b) Tool bar
    c) Formula bar
    d) Cell

66. The third generation computers were based on
    a) Vacuum tubes
    b) Transistors
    c) Diodes
    d) Integrated circuits

67. CAD is a tool used for
    a) Documentation
    b) Designing
    c) Calculation
    d) None

68. Satellite, co-ax cables, fiber optic cable, microwave signals are examples of
    a) Wires
    b) Computers
    c) Transmission media
    d) Networks

69. The radix of octal number system is
    a) 10
    b) 16
    c) 8
    d) 2

70. The example of non-executable statement in BASIC is
    a) LET
    b) END
    c) PRINT
    d) INPUT

SPACE FOR ROUGH WORK

C

71. The graphical symbol representing an item in WINDOWS is

    a) Document   b) Folder

    c) Icon   d) Button

72. The formula in MS EXCEL always starts with

    a) =   b) : =

    c) :   d) None

73. The set rules and regulations followed on internet are called

    a) Suites   b) Protocols

    c) Tools   d) Models

74. Dynamic RAM are used where

    a) Large capacity of memory is needed   b) Less capacity of memory is needed

    c) No memory is needed   d) None

75. Which of the following is not a feature of MS EXCEL ?

    a) Draw chart   b) Insert formula

    c) Autofill   d) Draw picture

76. Algorithm is

    a) Step by step solution to a problem   b) Data flow diagram

    c) Set of instructions   d) None

77. BASIC is short form of

    a) Begin A Solution In Computer

    b) Beginner's All-purpose Symbolic Instruction Code

    c) Beginner's All Symbolic Instruction Code

    d) None of the above

SPACE FOR ROUGH WORK

C

78. A program is specific to

   a) Language   b) System

   c) Operating System   d) None

79. What will be the output of following program ?
   FOR I = 1 TO 10 STEP + 2
   PRINT I
   NEXT I

   a) 1 2 3 4 5 6 7 8 9 10   b) 1 3 5 7 9

   c) 2 4 6 8 10   d) None

80. In WINDOWS operating system, to open any application from Desktop icon, we must

   a) Double – click it   b) Single – click it

   c) Left – click it   d) Right – click it

81. _____ command is used to execute BASIC program.

   a) CLS   b) AUTO

   c) OPEN   d) RUN

82. WORM is

   a) Write Once Read Memory   b) Write Or Read Memory

   c) Write Once Read Many   d) None

83. Computer performs following basic functions

   a) Input and Output   b) Storage and Processing

   c) Both a) and b)   d) None

84. UNIVAC is

   a) Universal Addition Calculator   b) Universal Automatic Calculator

   c) Universal Addition Computer   d) Universal Automatic Computer

C

85. Bomb, Worm and Trojan Horse are examples of
   a) Languages
   b) Software
   c) Hardware
   d) Virus

86. Printed information is also referred to as
   a) Soft copy
   b) Hard copy
   c) Written copy
   d) None

87. Refresh rate is related to
   a) Keyboard
   b) Monitor
   c) Mouse
   d) CPU

88. Interface between hardware and user is
   a) Machine language
   b) Compiler
   c) Editor
   d) Operating system

89. Which of the following is not related to operating system ?
   a) Resource managers
   b) Accountant
   c) Guardian
   d) Calculator

90. Pictorial representation of a solution to any problem is
   a) Program
   b) Algorithm
   c) Flowchart
   d) None

91. Which of the following features allows mass mailing ?
   a) Auto mail
   b) Auto format
   c) Mail merge
   d) None

92. Volatile memory is
   a) Erasable
   b) Permanent
   c) Slow
   d) None

SPACE FOR ROUGH WORK

93. Translation of high-level language to low-level language is done by

   a) Assembler
   b) Compiler
   c) Interpreter
   d) All of the above

94. Which of the following is an External Command in DOS ?

   a) FORMAT
   b) COPY
   c) DATE
   d) CLS

95. $(20)_{10} \times (13)_{10} = (\quad)_2$

   a) 1010101011
   b) 11110010
   c) 100000100
   d) 1111111

96. The physical components of a computer system is called as

   a) Software
   b) Hardware
   c) Language
   d) Program

97. DOS is an example of

   a) Language
   b) Operating system
   c) Processor
   d) None

98. One byte is

   a) 16 bits
   b) 8 bits
   c) 4 bits
   d) none

99. GUI stands for

   a) Graphical User Input
   b) Graphical User Interface
   c) Graphics User Input
   d) None

100. The document created in MS EXCEL is called as

   a) Worksheet
   b) Workbook
   c) Table
   d) None

SPACE FOR ROUGH WORK

C