



MS – 523

Version Code

A

**II Semester B.Sc./B.Sc.(FAD) Examination,
May/June 2014
(Semester Scheme)
(Fresh + Repeaters)
COMPUTER FUNDAMENTALS**

Question Booklet Sl. No.

302501

Time Allowed : 3 Hours

Maximum Marks : 90(R)/100(F)

INSTRUCTIONS TO CANDIDATES

- **Repeaters** have to answer **90** questions only (Prior to 2012-13)
- **Freshers** have to answer **100** questions (2012-13 and onwards students)

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 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 sheet.
5. All the answers should be marked only on the OMR 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. Abacus is considered as
 - a) 1st Instrument
 - b) 1st Scale
 - c) 1st Computer
 - d) None of the above

2. Characters of computer are
 - a) Automatic
 - b) Speed and Accuracy
 - c) Reliability and Storage
 - d) All the above

3. ENIAC of I generation consists of 18,000 vacuum tubes and 70,000
102508
 - a) Transistors
 - b) Resistors
 - c) Soldered joints
 - d) None of the above

4. COBOL is
 - a) Higher level language
 - b) Lower level lang.
 - c) Machine level language
 - d) None

5. Expand GUI
 - a) Grafical User Internet
 - b) Graphical User Input
 - c) Grafical User Interfacer
 - d) None

6. _____ uses the collection of multiple media.
 - a) Multimedia
 - b) Multi-source
 - c) Multiplexer
 - d) None

7. CPU Registers are faster than
 - a) Magnetic disk
 - b) Hard disk
 - c) Both a) and b)
 - d) None

8. RAM is a _____ memory.
 - a) Non-Volatile
 - b) Volatile
 - c) Secondary memory
 - d) None

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9. The time to move the head to the right track is
- a) Seek time
 - b) Latency time
 - c) Transfer time
 - d) None of these
10. Impact printers are
- a) Dot matrix
 - b) Daisy wheel
 - c) Both a) and b)
 - d) None of these
11. Computer is an
- a) Electric device
 - b) Electronic device
 - c) Mechanical device
 - d) None of these
12. The primary memory is
- a) CD
 - b) Hard disk
 - c) RAM
 - d) None of these
13. The transistors were used in
- a) 2nd Gen. computer
 - b) 3rd Gen. computer
 - c) 4th Gen. computer
 - d) None of these
14. The output device is
- a) Mouse
 - b) Keyboard
 - c) Printer
 - d) Scanner
15. The CPU consists of
- a) Registers
 - b) ALU
 - c) Control Unit
 - d) All the above
16. The equivalent Hexadecimal number of 111100111100
- a) 7474
 - b) F2C
 - c) C2F
 - d) F3C

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17. The octal number system having a base
a) 2 b) 8 c) 16 d) 10
18. CAD/CAM are used in
a) Industry b) Education c) Marketing d) None of these
19. The application of DBMS is
a) ATM b) Inventory c) Catalog d) All the above
20. The operating system is
a) Application software b) System software
c) Virus d) Antivirus
21. The function of compiler is
a) Translation b) Loading
c) Computing d) Executing
22. MS-Word is mainly used for
a) Documentation b) Calculation
c) Image processing d) Graph
23. The shortcut key for Paste in MS-Word is
a) Ctrl + p b) Ctrl + c c) Ctrl + v d) Ctrl + u
24. The step-by-step procedure to solve a problem
a) Algorithm b) Graph c) Symbols d) Tables

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25. An Algorithm must have

- a) Input only
- b) Output and may be input
- c) Output only
- d) None of these

26. The media of Computer Network is

- a) Twisted pair wire
- b) Optical cable
- c) Both a) and b)
- d) None of these

27. VIRUS is

- a) Software
- b) Hardware
- c) Operating system
- d) None of these

28. Lower level languages use

- a) English words
- b) Decimal digits
- c) Binary bits
- d) None of these

29. 1 KB = ?

- a) 1000 Bytes
- b) 100 Bytes
- c) 1024 Bytes
- d) None of these

30. Full form of URL

- a) Uniform Read Locator
- b) Universal Read Locator
- c) Uniform Resource Locator
- d) None of these

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31. The feature of 4th Gen. Computers
- a) VLSI
 - b) Microprocessor
 - c) Use of chips for memory
 - d) All the above
32. The database is
- a) Operating system
 - b) Repository of data
 - c) Compiler
 - d) None of these
33. $12_{(10)} - 10_{(10)} = ?$
- a) 0110
 - b) 1010
 - c) 0011
 - d) 0010
34. One Byte is equal to
- a) 2 Bits
 - b) 8 Bits
 - c) 16 Bits
 - d) 4 Bits
35. Expand RAM
- a) Random Access Memory
 - b) Read And Memory
 - c) Both a) and b)
 - d) None of these
36. _____ has set of rules which user has to follow to instruct the computer what operation to be performed.
- a) Compiler
 - b) Operating system
 - c) Translator
 - d) Programming language
37. Which one of these is not a system software ?
- a) Operating System
 - b) Compiler
 - c) Assembler
 - d) MS-Word

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38. Source code means

- a) Binary code
- b) Hexadecimal code
- c) Program before translation
- d) None of these

39. The software translates entire program at a time is

- a) Compiler
- b) Interpreter
- c) Loader
- d) None of these

40. A software destroys other software is

- a) Virus
- b) DBMS
- c) Antivirus
- d) Database

41. A collection of logically related data is

- a) Program
- b) Database
- c) Operating System
- d) None of these

42. Duplication of data is known as

- a) Data redundancy
- b) Integrity
- c) Both a) and b)
- d) None of these

43. Example for system software

- a) Operating system
- b) Compiler
- c) Loader
- d) All the above

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44. Loading and execution of programs are the main function of
- a) Operating system
 - b) Translator
 - c) Loader
 - d) DBMS
45. The following one is not an operating system.
- a) DOS
 - b) Unix
 - c) DBMS
 - d) None of these
46. _____ is the starting point from which all other directories branches out.
- a) Root directory
 - b) Directory
 - c) Files
 - d) None of these
47. An extension of file name is up to _____ characters long.
- a) 4
 - b) 3
 - c) 5
 - d) 2
48. DIR, MD, CD are _____ commands.
- a) Internal
 - b) External
 - c) General commands
 - d) None of these
49. X copy command is used to
- a) Copy part of the directory
 - b) Copy entire directory
 - c) Only one file
 - d) None of these
50. The decimal number $58 = ?_{(2)}$.
- a) 111010
 - b) 110011
 - c) 111100
 - d) 010101

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51. Expand BIT

- a) Binary Information Type
- b) Binary Digit
- c) Binary Time
- d) None of these

52. To output the data in BASIC we can use

- a) LET
- b) PUT
- c) PRINT
- d) INPUT

53. $<$, $>$, $<=$, $>=$ are one of the following operators

- a) Arithmetic
- b) Logical
- c) Relational
- d) None of these

54. Which among these is Non-executable ?

- a) LET
- b) INPUT
- c) PRINT
- d) REM

55. GOTO in basic is

- a) Unconditional
- b) Conditional
- c) Non-executable
- d) None of these

56. ICON is a graphical representation of

- a) Software
- b) Document
- c) Both a) and b)
- d) None of these

57. Which one of these is used for alternative of MS-Word ?

- a) Wordstar
- b) MS-Excel
- c) MS-Access
- d) None of these

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58. The toolbar provides shortcuts for menu commands is
- a) Standard toolbar
 - b) Formatting toolbar
 - c) Statusbar
 - d) None of these
59. Shortcut key to cut is
- a) Ctrl + X
 - b) Ctrl + C
 - c) Ctrl + T
 - d) Ctrl + V
60. File name is displayed on _____ bar.
- a) Menubar
 - b) Toolbar
 - c) Titlebar
 - d) Statusbar
61. Intersection of Row and Column is
- a) Special Row
 - b) Special Column
 - c) Cell
 - d) None of these
62. Grammar errors are indicated by
- a) Underline
 - b) Green underline
 - c) Red underline
 - d) None of these
63. Every work book is saved with the extension of
- a) .Doc
 - b) .Xls
 - c) .Exe
 - d) .JPG
64. To move on top of the worksheet (i.e. cell A1)
- a) CTRL + HOME
 - b) SHIFT + HOME
 - c) TAB
 - d) None of these

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65. The text data in a worksheet is known as
- a) Literals
 - b) Words
 - c) Labels
 - d) Numeric
66. Bold, Italic, underline and font size are available in
- a) Standard toolbar
 - b) Formatting toolbar
 - c) Menubar
 - d) Statusbar
67. Formula are entered in the worksheet formula bar must begin with
- a) +
 - b) =
 - c) *
 - d) -
68. Normal view, outline view and slide view are available in
- a) MS-Word
 - b) MS-Excel
 - c) Power-point
 - d) None of these
69. The computer network is been within building is known as
- a) LAN
 - b) WAN
 - c) MAN
 - d) None of these
70. The cable in which light used as communication media ?
- a) Twisted pair cable
 - b) Co-axial cable
 - c) Fiber optic cable
 - d) None of these
71. 'Star' is a type of
- a) Operating system
 - b) Topology
 - c) Virus
 - d) Compiler

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72. The language which is used for web page is
- a) HTML
 - b) HTTP
 - c) COBOL
 - d) BASIC
73. FTP stands for
- a) File Technique Process
 - b) File Transfer Protocol
 - c) File Text Process
 - d) None of these
74. Which one is a search engine ?
- a) Windows
 - b) Unix
 - c) Google
 - d) Dos
75. _____ is an application software.
- a) Compiler
 - b) Operating system
 - c) BASIC
 - d) MS-Word
76. The following one provides same basic functionality as phone
- a) E-mail
 - b) Voice-mail
 - c) Chat
 - d) None of these
77. Expand HTTP.
- a) Hyper Text Transfer Protocol
 - b) Hyper Text Transfer Process
 - c) Hyper Text Temporary Protocol
 - d) None of these
78. DOS is a _____ type of operating system.
- a) GUI
 - b) CUI
 - c) Both a) and b)
 - d) None of these

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79. A program is nothing but

- a) Set of instruction
- b) Set of tables
- c) Set of software
- d) None of these

80. Keyboard is

- a) Software
- b) Hardware
- c) Tool
- d) None of these

81. Which among these is not a search engine ?

- a) Yahoo
- b) Google
- c) Alta Vista
- d) Unix

82. Internet explorer is a

- a) Search engine
- b) Operating system
- c) Browser
- d) None of these

83. A document on the WWW is

- a) Web sheet
- b) Web page
- c) Web book
- d) None of these

84. A location in which files and other documents can be stored

- a) DBMS
- b) Record
- c) Files
- d) Folder


85. LSI can accommodate _____ number of components.

- a) 10
- b) 100
- c) 500
- d) None of these

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86. Data can be stored in
a) Mouse b) Keyboard c) Hard disk d) None of these
87. MODEM stands for
a) Modulation/demodulation b) Modifier/demodifier
c) Multiplexer/demultiplexer d) None of these
88. Choose the correct statement in basic
a) LET B is 125 b) LET B = 125
c) 20 LET B = 125 d) None of these
89. The  shape is used in flow chart for
a) End b) Start
c) Both a) and b) d) None of these
90. Software is a
a) Set of programs b) Word document
c) Both a) and b) d) None of these
91. An example for optical disk is
a) CD-ROM b) DVD c) WORM d) All the above
92. The secondary storage device is
a) Hard disk b) RAM c) Cache d) None of these
93. $1010 + 0011 = ?$
a) 1101 b) 1100 c) 0101 d) 1110

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94. $110011_{(2)} = ?$

a) 61

b) 50

c) 58

d) 51

95. Shortcut key for save is

a) Ctrl + A

b) Ctrl + S

c) Ctrl + V

d) Ctrl + X

96. The process of loading operating system into main memory is

a) Executing

b) Booting

c) Processing

d) Loading

97. The memory unit is connected to CPU in

a) One way

b) Two way

c) Not connected

d) None of these

98. Assembler is a

a) Operating system

b) Hardware

c) Translator

d) None of these

99. The memory which is not accessible to user

a) Main memory

b) Hard disk

c) Cache

d) DVD

100. Which of these is the large storage device ?

a) CD

b) DVD

c) Floppy disk

d) None of these

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