

**MS – 392**

Version Code

**D**

**IV SEMESTER B.A. (Fresh + Repeaters) &  
IV SEMESTER B.A./B.Sc./B.Com./B.B.M./B.H.M. (Repeaters)  
EXAMINATION, MAY 2011  
(Semester Scheme)**

**D****COMPUTER FUNDAMENTALS**

Question Booklet Sl. No.

**602474***Time Allowed : 3 Hours**Maximum Marks : 90***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 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 **90** 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.

ಗಮನಿಸಿ : ಸೂಚನೆಗಳ ಕನ್ನಡ ಆವೃತ್ತಿಯು ಈ ಪುಟದ ಹಿಂಭಾಗದಲ್ಲಿ ಮುದ್ರಿಸಲ್ಪಟ್ಟಿದೆ.

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ವರ್ಷನ್ ಕೋಡ್

4ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. (ಫೈನಲ್ + ಪುನರಾವರ್ತಿಗಳಿಗೆ) ಮತ್ತು 4ನೇ ಸೆಮಿಸ್ಟರ್  
ಬಿ.ಎ./ಬಿ.ಎಸ್ಸಿ./ಬಿ.ಕಾಂ./ಬಿ.ಬಿ.ಎಂ./ಬಿ.ಹೆಚ್.ಎಮ್. (ಪುನರಾವರ್ತಿಗಳಿಗೆ)  
ಪರೀಕ್ಷೆ, ಮೇ 2011  
(ಸೆಮಿಸ್ಟರ್ ಸ್ಕೀಂ)

D

ಕಂಪ್ಯೂಟರ್ ಫಂಡಮೆಂಟಲ್ಸ್

454502

ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯ ಕ್ರಮ ಸಂಖ್ಯೆ

ಗರಿಷ್ಠ ಸಮಯ : 3 ಘಂಟೆಗಳು

ಗರಿಷ್ಠ ಅಂಕಗಳು : 90

ಅಭ್ಯರ್ಥಿಗಳಿಗೆ ಸೂಚನೆಗಳು

1. ಪರೀಕ್ಷೆ ಪ್ರಾರಂಭಗೊಂಡ ತಕ್ಷಣವೇ ಈ ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗದ ಅಥವಾ ಹರಿದಿರುವ ಅಥವಾ ಯಾವುದೇ ಪುಟ ಇಲ್ಲದಿರುವುದು ಇತ್ಯಾದಿಗಳನ್ನು ನೀವು ಪರೀಕ್ಷಿಸತಕ್ಕದ್ದು. ಮೇಲಿನ ಯಾವುದೇ ದೋಷ ಕಂಡು ಬಂದಲ್ಲಿ ಅದನ್ನು ಹಿಂತಿರುಗಿಸಿ ಲಭ್ಯವಿರುವ ಪರಿಪೂರ್ಣವಾದ ಬೇರೆ ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯನ್ನು ಪಡೆಯತಕ್ಕದ್ದು.
2. ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯ ವರ್ಷನ್ ಕೋಡ್ A, B, C, D ಅಥವಾ E ಯನ್ನು (OMR) ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಅದಕ್ಕಾಗಿ ಒದಗಿಸಲಾಗಿರುವ ಸೂಕ್ತ ಸ್ಥಳದಲ್ಲಿ ಬರೆಯಬೇಕು.
3. ಉತ್ತರ ಪತ್ರಿಕೆಯ (ಓ.ಎಂ.ಆರ್.) ಮೇಲೆ ನಿಗದಿಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಪರೀಕ್ಷಾ ವಿಷಯ, ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ ವರ್ಷನ್ ಕೋಡ್ ಹಾಗೂ ಸಹಿಯನ್ನು ನಮೂದಿಸಬೇಕು. ಉತ್ತರ ಪತ್ರಿಕೆಗಳನ್ನು ಆಪ್ಟಿಕಲ್ ಮಾರ್ಕ್ ರೀಡರ್ (O.M.R.) ವ್ಯವಸ್ಥೆಗೆ ಅನುಗುಣವಾಗಿ ರಚಿಸಿರುವುದರಿಂದ ಸದರಿ ಮಾಹಿತಿಗಳನ್ನು ಬಹು ಎಚ್ಚರಿಕೆಯಿಂದ ಭರ್ತಿ ಮಾಡಬೇಕು.
4. ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯು 90 ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿದ್ದು ಸಮಾನ ಅಂಕಗಳನ್ನು ಹೊಂದಿರುತ್ತದೆ. ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೂ ಉತ್ತರಿಸಬೇಕು. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗೆ ನಾಲ್ಕು ಉತ್ತರಗಳನ್ನು ನೀಡಲಾಗಿರುತ್ತದೆ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಸರಿಯಾದ ಒಂದು ಉತ್ತರವನ್ನು ಮಾತ್ರ ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಬೇಕು, ಆಯ್ಕೆ ಮಾಡಿದ ಉತ್ತರವನ್ನು ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಶೇಡ್ ಮಾಡಬೇಕು.
5. ಎಲ್ಲಾ ಉತ್ತರಗಳನ್ನು ನಿಮಗೆ ಒದಗಿಸಲಾದ ಓ.ಎಂ.ಆರ್. ಉತ್ತರ ಪತ್ರಿಕೆಯ ಹಾಳೆಯ ಮೇಲೆ ಕಪ್ಪು ಅಥವಾ ನೀಲಿ ಶಾಯಿಯ ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್ನಿನಿಂದ ಗುರುತು ಮಾಡಬೇಕು. ಒಂದು ವೇಳೆ ಒಂದು ಪ್ರಶ್ನೆಗೆ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚಿನ ವೃತ್ತಗಳನ್ನು ಭರ್ತಿ ಮಾಡಿದಲ್ಲಿ / ತಪ್ಪು ವೃತ್ತಗಳನ್ನು ಭರ್ತಿ ಮಾಡಿದಲ್ಲಿ / ಅರ್ಧ ವೃತ್ತಗಳನ್ನು ಭರ್ತಿ ಮಾಡಿದಲ್ಲಿ ಯಾವುದೇ ಅಂಕಗಳನ್ನು ನೀಡಲಾಗುವುದಿಲ್ಲ.
6. ಪರೀಕ್ಷೆಯ ಮುಕ್ತಾಯವನ್ನು ಸೂಚಿಸುವ ಅಂತಿಮ ಘಂಟೆ ಬಾರಿಸಿದ ತಕ್ಷಣವೇ (OMR) ಉತ್ತರ ಪತ್ರಿಕೆಯಲ್ಲಿ ಇನ್ನಾವುದೇ ಗುರುತು ಮಾಡುವುದನ್ನು ನಿಲ್ಲಿಸಬೇಕು. ಕೊಠಡಿಯ ಮೇಲ್ವಿಚಾರಕರು ಒಂದು ನಿಮಿಷದಲ್ಲಿರುವ (OMR) ಉತ್ತರ ಪತ್ರಿಕೆಯನ್ನು ತಮ್ಮ ವಶಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳುವವರೆಗೂ ನಿಮ್ಮ ನಿಮ್ಮ ಆಸನದಲ್ಲಿಯೇ ಕುಳಿತಿರತಕ್ಕದ್ದು. ಕೊಠಡಿಯ ಮೇಲ್ವಿಚಾರಕರ ವಶಕ್ಕೆ ನಿಮ್ಮ (OMR) ಉತ್ತರ ಪತ್ರಿಕೆಯನ್ನು ನೀಡಿದ ನಂತರ ನೀವು ಪರೀಕ್ಷಾ ಕೊಠಡಿಯಿಂದ ಹೊರ ಹೋಗಬಹುದು.

Note : English version of the instructions is printed on the front page of this booklet.

1. Binary multiplication of  $15 \times 5$  is
  - a)  $1001011_{(2)}$
  - b)  $1101011_{(2)}$
  - c)  $1111011_{(2)}$
  - d)  $1000100_{(2)}$
2. Flowcharts are classified into
  - a) Program and computer flowcharts
  - b) Program and system flowcharts
  - c) Geometric and analytical flowcharts
  - d) Hardware and software flowcharts
3. '^' is
  - a) Logical operator
  - b) Relational operator
  - c) Exponential operator
  - d) Assignment operator
4. Spindle motor in a hard disk makes
  - a) 7200 rpm
  - b) 7020 rpm
  - c) 8200 rpm
  - d) 8000 rpm
5. WORM stands for
  - a) Write One Read Memory
  - b) Write Once Read Memory
  - c) Write Once Read Many
  - d) None of the above
6. TB stands for
  - a) Tera Byte
  - b) Transistor Base
  - c) Tera Bits
  - d) None of the above

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SPACE FOR ROUGH WORK



7. Games are found in  
a) Control panel  
b) Accessories  
c) Recycle bin  
d) Search
8. Machine language programs are  
a) Machine dependent  
b) Machine independent  
c) Partially machine dependent  
d) None of the above
9. Modem converts  
a) Digital signal to analog signal  
b) Analog signal to digital signal  
c) Both a and b  
d) None of the above
10. A DVD can store data of about  
a) 4.7 GB to 17 GB  
b) 220 MB to 1 GB  
c) 640 MB to 1 GB  
d) 10 GB to 100 GB
11. An example for volatile memory is  
a) RAM  
b) DVD  
c) Hard disk  
d) Floppy
12. Mouse has  
a) 2 or 3 buttons  
b) 4 or 6 buttons  
c) Only 1 button  
d) None of the above
13. Command used to copy the contents of one disk to another disk  
a) Copy con  
b) Copy  
c) Disk copy  
d) X copy
14. Title bar contains  
a) Name of the document opened  
b) Close, minimize, maximize, restore buttons  
c) Control box  
d) All the above

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15. Symbol used for decision in flow chart is



16. Which among the following is a component of MS office ?

a) Word

b) EXCEL

c) Power point

d) All the above

17. Cell is an intersection of

a) Row and column

b) Row and row

c) Column and column

d) None

18. Type of a chart available in EXCEL

a) Column chart

b) Bar chart

c) Line chart

d) All the above

19. The important input devices of a computer are

a) Keyboard

b) Mouses

c) Printer

d) Both (a) and (b)

20. Integrated circuits were used in

a) First Generation

b) Second Generation

c) Third Generation

d) Fourth Generation

21. DBMS stands for

a) Database Machine System

b) Database Maintenance System

c) Database Management System

d) None of the above

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22. Computers are used for
- a) Data processing
  - b) Making movies
  - c) Accounting
  - d) All the above
23. Hard disk is made up of
- a) Aluminium disks
  - b) Iron disk
  - c) Copper disk
  - d) None of the above
24. Compilers are
- a) System software
  - b) Application software
  - c) Translators
  - d) Both a and c
25. Adding cells from A1 to A4
- a)  $= A1 + A2 + A3 + A4$
  - b)  $= \text{SUM} (A1 : A4)$
  - c) Both a and b
  - d) None of the above
26. Header and footer option is available in
- a) File
  - b) Edit
  - c) Insert
  - d) View
27. Values of \_\_\_\_\_ keeps changing during execution.
- a) Constants
  - b) Variables
  - c) Both a and b
  - d) None
28. BASIC command used to execute a program is
- a) Alt + R
  - b) Alt + S
  - c) Alt + F
  - d) Alt + E
29. +, -, \*, / are
- a) Logical operators
  - b) Relational operators
  - c) Arithmetic operators
  - d) None of the above

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38. Advantage of network
- a) Resource sharing
  - b) Saving money
  - c) High reliability
  - d) All the above
39. In EXCEL, sqrt
- a) Finds the square of a number
  - b) Returns the power of a number
  - c) Finds the square root of a number
  - d) None
40. Freeze panes option is available in \_\_\_\_\_ menu option.
- a) Edit
  - b) Format
  - c) Windows
  - d) Help
41. Templates and wizards helps us to
- a) Create high quality binders
  - b) Create presentation
  - c) Create documents
  - d) All the above
42. 1 GB = \_\_\_\_\_ MB.
- a) 1000
  - b) 24
  - c) 1024
  - d) 100
43. MS – Excel
- a) Is a word processor
  - b) Is a browser
  - c) Is an accounting software
  - d) All the above
44. Intranet is a
- a) Computer
  - b) Private network
  - c) Public network
  - d) None of the above
45. Which among the following is not a search engine ?
- a) Yahoo
  - b) Orkut
  - c) Excite
  - d) Google
46. Computers that process both analog and digital signals are called as
- a) Micro computers
  - b) Main frame computers
  - c) Hybrid computers
  - d) Analog computers

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47. Machine instruction is written using
- a) 0s and 1s
  - b) Letters
  - c) Numbers
  - d) None of the above
48.  $35_{(8)} = \underline{\hspace{2cm}}$  (16)
- a) 1D
  - b) 1C
  - c) E8
  - d) E1
49. Software is
- a) Set of programs
  - b) Set of I/O devices
  - c) Set of directories
  - d) None of the above
50. An example for optical disk is
- a) CD - ROM
  - b) DVD
  - c) Both a and b
  - d) None of the above
51. Real constants are represented as
- a) Numeric and non-numeric representation
  - b) Static and dynamic representation
  - c) Fixed and floating point representation
  - d) None of the above
52. Unconditional branching statement in BASIC is
- a) LET
  - b) IF - THEN
  - c) END
  - d) GOTO
53. Input devices used in competitive exams are
- a) OMR
  - b) OCR
  - c) MICR
  - d) None of the above
54. Main feature of MS - WORD include
- a) Formatting
  - b) Mail Merge
  - c) Spell check
  - d) All the above

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55. DOS command used to create a directory is  
a) CD                      b) MD                      c) Copy                      d) RD
56. Hexadecimal number system consists of \_\_\_\_\_ symbols.  
a) 15                      b) 16                      c) 17                      d) 19
57. File menu consists of  
a) New                      b) Open  
c) Print                      d) All the above
58. Application software is used to  
a) Compile program                      b) Perform specific task  
c) Both a and b                      d) None of the above
59. Hyper text is  
a) Text to view  
b) Pictures to view  
c) Text to link to connect to another page  
d) None of the above
60. Octal equivalent of  $55_{(10)}$  is  
a) 47                      b) 37                      c) 27                      d) 67
61. Control panel helps to  
a) Set time  
b) Change display settings  
c) Control the softwares installed  
d) All the above

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62. View not available in power point is
- a) Print layout
  - b) Slide view
  - c) Outline view
  - d) Normal view
63. Personal computers are also called as
- a) Micro computers
  - b) Mini computers
  - c) Mainframe computers
  - d) Super computers
64. File name includes both
- a) File name with extension
  - b) File name with size
  - c) File name with date
  - d) File name with time
65. Which among the following is a looping statement in BASIC ?
- a) REM
  - b) PRINT
  - c) IF
  - d) FOR ... NEXT
66. The extension of word file is
- a) • doc
  - b) • xls
  - c) • ppt
  - d) None
67. A floppy disk contains
- a) Tracks and sectors
  - b) Sectors and cylinders
  - c) Tracks and cylinder
  - d) None of the above
68. Change case has the options
- a) Sentence case
  - b) Lower case
  - c) Upper case
  - d) All the above

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69. In a computer, data is stored in the form of
  - a) 0s and 1s
  - b) Letters
  - c) Pictures
  - d) Frames
70. BASIC programming files has the extension of
  - a) • .bas
  - b) • .xls
  - c) • .ppt
  - d) • .pas
71. Peripheral devices are
  - a) Output devices
  - b) Input devices
  - c) Both (a) and (b)
  - d) None of the above
72. Translator which translates line by line is
  - a) Compiler
  - b) Assembler
  - c) Interpreter
  - d) None of the above
73. Rows and columns are found in
  - a) Word
  - b) EXCEL
  - c) Power point
  - d) Access
74. DIM is a
  - a) DOS command
  - b) Functional command
  - c) Executable command
  - d) Non-executable command
75. Trojan horse is a type of
  - a) Hardware device
  - b) Output
  - c) Virus program
  - d) None of the above
76. LSB of 100110 is
  - a) 0
  - b) 1
  - c) 2
  - d) None of the above

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77. Application of DBMS

- a) Compiler
- b) Loader
- c) Digital library
- d) BASIC program

78. A flowchart is

- a) Graphical representation
- b) Step by step approach
- c) Hardware and software
- d) None of the above

79. Assembly language instruction format includes

- a) Mnemonic code, opcode
- b) Mnemonic code, operand
- c) Opcode, operand
- d) None of the above

80. Type of virus

- a) File virus
- b) Boot virus
- c) Macro virus
- d) All the above

81. There are \_\_\_\_\_ rows and \_\_\_\_\_ columns in EXCEL.

- a) 65536, 256
- b) 65256, 256
- c) 65600, 206
- d) 65056, 256

82. A group of 8 bits is

- a) Byte
- b) Bit
- c) Nibble
- d) None of the above

83. Shortcut key to paste is

- a) Ctrl + V
- b) Ctrl + X
- c) Ctrl + A
- d) Ctrl + C

84. By default Taskbar is located at

- a) The top of the desktop
- b) The bottom edge of the desktop
- c) Anywhere on desktop
- d) None

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85. Dynamic RAM is

- a) Smaller
- b) Less expensive than SRAM
- c) Slower than SRAM
- d) All the above

86. \_\_\_\_\_ is not a network topology.

- a) Star
- b) Ring
- c) Bus
- d) Square

87. Network services include

- a) Message service
- b) Print service
- c) File service
- d) All the above

88. Presentation slides can be created using

- a) Auto content wizard
- b) Design template
- c) Blank presentation
- d) Any one of the above method

89. In EXCEL, count

- a) Returns the count of cells that ~~contains~~ values with the list of arguments
- b) Returns the least value in a range
- c) Returns the largest value in a range
- d) Returns the average

90. Directory is a

- a) Group of files
- b) Group of directories
- c) Both a and b
- d) None of the above

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