

**M. Sc. FOOTWEAR TECHNOLOGY AND  
MANAGEMENT (MSCFWT)**

**Term-End Examination**

**December, 2011**

**MFW-026 : COMPUTER SCIENCE**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** (i) There are *two* sections: *Section A* and *Section B*.  
(ii) Attempt *any five* questions from *Section A*.  
*Section B* is compulsory.

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**SECTION - A**

**5x9=45**

1. Draw the functional block diagram of a typical computer system and explain the functions of each block.
2. What is an operating system ? Differentiate between CUI and GUI based operating system.
3. Define Computer Network. Briefly discuss the different types of network.
4. What is Primary Memory ? How is it going to impact the performance of the computer system ?

5. Define computer VIRUS. Differentiate between computer virus and computer worm.
6. Define storage. What are the different types of storage media we are using today ?
7. Explain the importance of mail merge in MS WORD.
8. Write short note on : (*any three*)
  - (a) Generation of computer systems
  - (b) Defragmentation
  - (c) Multiprocessing
  - (d) Multimedia
  - (e) Artificial Intelligence

## SECTION - B

Choose the correct answer from the given alternatives :

25x1=25

1. Who is called as the father of computer science?  
(a) Alan Turing (b) Charles Babbage  
(c) Von Neumann (d) None of these
2. A modern electronic computer consist of :  
(a) A central processing unit  
(b) A memory  
(c) Input and output unit  
(d) All of the above
3. PCI stands for :  
(a) Peripheral Component Interface  
(b) Peripheral Computer Interconnect  
(c) Peripheral Component Interconnect  
(d) None of these
4. The software required to interact between the hardware and the user program :  
(a) Operating System  
(b) Firmware  
(c) Application Software Program  
(d) None of above

5. Which of the following memories allows read once operation ?
- (a) ROM
  - (b) EPROM
  - (c) RAM
  - (d) None of these
6. Artificial Intelligence belongs to which generation computers ?
- (a) First generation
  - (b) Third generation
  - (c) Fifth generation
  - (d) Fourth generation
7. ULSI stands for :
- (a) Ultra Large Scale Integration
  - (b) Ultra Large Scale Industry
  - (c) Under Large Scale Integration
  - (d) None of above
8. The start-up routine runs, when machine boots up is known as :
- (a) Post
  - (b) Operating Routine
  - (c) Boot up
  - (d) I/O Operation

9. The two kinds of Main Memory are \_\_\_\_\_.
- (a) Primary storage and Secondary storage
  - (b) Random Memory and Sequential Memory
  - (c) RAM and ROM
  - (d) None of these
10. The term megabyte refers to :
- (a) 1024 Bytes
  - (b) 1024 Kilobytes
  - (c) 1000 Kilobytes
  - (d) None of these
11. In MS Word 2010 the default file type is :
- (a) .docx
  - (b) .docs
  - (c) .doc
  - (d) .docz
12. In MS Word 2010 the shortcut key for redo an operation is :
- (a) Ctr. + Y
  - (b) Ctr + Z
  - (c) Ctr + X
  - (d) None of above
13. In 2<sup>nd</sup> the letters 'nd' is appeared lowered. Which effect has been applied ?
- (a) Superscript
  - (b) Lowered
  - (c) Subscript
  - (d) None of these

14. The keyboard shortcut to centre align the text in MS word is :
- (a) Ctr. + J
  - (b) Ctr. + C
  - (c) Ctr. + E
  - (d) None of above
15. The shortcut for inserting a page break in word 2010 is :
- (a) Ctr.+Enter
  - (b) Shift+Enter
  - (c) Enter
  - (d) All of the above.
16. Which symbol is used to implement Absolute Reference in Excel 2010 ?
- (a) =
  - (b) \$
  - (c) @
  - (d) None of these
17. In Excel, a cell may be referenced across the different worksheets of the book.
- (a) True
  - (b) False

18. In order to execute a formulae in excel, one need to press :
- (a) F5
  - (b) Shift + Enter
  - (c) Enter
  - (d) None of these
19. A pie chart simply represents :
- (a) weightage statistics
  - (b) normal statistics
  - (c) accumulative statistics
  - (d) none of these
20. When you copy a formula cell in excel, and try to paste it, what is going to be copied ?
- (a) Formula + Value
  - (b) Only Value
  - (c) Only Formula
  - (d) None of these
21. The shortcut for running the slide show is :
- (a) F4
  - (b) F7
  - (c) F5
  - (d) None of these

22. In the context of animations, what is a trigger ?
- (a) An action button that advances to the next slide
  - (b) Hardware
  - (c) Application Software Program
  - (d) None of these
23. Special effects used to introduce slides in a presentation are called :
- (a) Custom animations
  - (b) Preset animation
  - (c) Transitions
  - (d) None of these
24. Which of the following can you use to add times to the slides in a presentation ?
- (a) Slice show menu
  - (b) Slide transition button
  - (c) Rehearse timing button
  - (d) All of the above
25. The keyboard shortcut to enter a new slide in Power Point 2010 :
- (a) Ctr. + N
  - (b) Ctr. + M
  - (c) Ctr. + O
  - (d) None of these
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