

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

Term-End Examination

June, 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. What is an IPO cycle ? Discuss its importance in the functionality of a computer system ?
2. Define network Topology. Name a few well known network Topologies.
3. What are the main components of typical computer system ?
4. Discuss the application areas of MS Excel.
5. Differentiate between Data and Instruction. Draw the hierarchy starting from data upto software package.

6. Classify computer systems on the basis of size, performance and area occupied.
7. What are the different characteristics of digital computer system ?
8. What is primary memory ? How is it going to impact the performance of the computer system ?
9. Discuss the impact of Internet in day to day activities.
10. Write a short note on computer virus.

SECTION - B

Choose the correct answer from the given alternatives :

25x1=25

1. UniVAC is :
 - (a) Universal Automatic Computer
 - (b) Universal Array Computer
 - (c) Unique Automatic Computer
 - (d) Unvalued Automatic Computer

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. USB stands for :
 - (a) universal serial bus
 - (b) unique serial bus
 - (c) universal synchronous bus
 - (d) all of the above

4. _____ is the layer of a computer system between the hardware and the user program.
 - (a) Operating System
 - (b) Firmware
 - (c) Application Software Program
 - (d) None of the above.

5. Which of the following memories allows simultaneous read and write operations ?
- (a) ROM
 - (b) EPROM
 - (c) RAM
 - (d) None of the above
6. Microprocessors belong to which generation computers ?
- (a) First generation
 - (b) Third generation
 - (c) Second generation
 - (d) Fourth generation
7. Pick the one that is used for logical operations or comparisons such as less than equal to or greater than.
- (a) Arithmetic and Logical unit
 - (b) Control unit
 - (c) Both of the above
 - (d) None of the 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 the above
10. The term Gigabyte refers to :
- (a) 1024 Megabytes
 - (b) 1024 Kilobytes
 - (c) 1000 Megabytes
 - (d) 1024 Terabytes
11. In MS Power Point 2010 the default file type is :
- (a) .ppt
 - (b) .pptts
 - (c) .pptx
 - (d) .pdf
12. In MS Word 2010 the short cut key for undo and redo operation is :
- (a) Ctr + Z and Ctr + Y
 - (b) Ctr + Z and Ctr + X
 - (c) Ctr + Y and Ctr + Z
 - (d) None of the above
13. In H₂O the digit 2 is appeared lowered. Which effect has been applied ?
- (a) superscript
 - (b) lowered
 - (c) subscript
 - (d) none of the above

14. Which of the following short cut key is used to check spelling ?
- (a) F7
 - (b) F1
 - (c) F2
 - (d) None of the above
15. In Word 2010, mail merge can be found under the tab :
- (a) Mailing
 - (b) Review
 - (c) Insert
 - (d) References
16. The by default reference concept used in excel is :
- (a) Relative Reference
 - (b) Static Reference
 - (c) Absolute reference
 - (d) All of the above
17. An excel work book may have no. of work sheets.
- (a) 3
 - (b) 4
 - (c) n where n may take any counting number
 - (d) none of the above

18. In order to execute formulae in excel, one need to press :
- (a) F5
 - (b) Shift + Enter
 - (c) Enter
 - (d) None of the above
19. In MS excel a pie chart requires :
- (a) One Series
 - (b) Two Series
 - (c) Any no of Series
 - (d) None of the above
20. When you copy a cell having a formula 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 the above
21. Which of the following should you use if you want all the slides in the presentation to have the same "look" ?
- (a) the slide layout option
 - (b) outline view
 - (c) add a slide options
 - (d) a presentation design template

22. In the context of animations, what is a trigger ?
- (a) An action button that advances to the next slide
 - (b) Hardware
 - (c) Applications Software Program
 - (d) None of the above
23. Special effects used to introduce slides in a presentation are called
- (a) custom animation
 - (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) Slide show menu
 - (b) Slide transition button
 - (c) Rehearse timing button
 - (d) All of the above
25. In Powerpoint 2010 which of the following is not one of Powerpoint's slide views ?
- (a) normal view
 - (b) outline view
 - (c) slide sorter view
 - (d) notes page view
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