

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

**Term-End Examination**

**June, 2012**

**MFW-026 : COMPUTER SCIENCE**

*Time : 3 Hours*

*Maximum Marks : 70*

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*Note : (i) There are two sections: A and B.*

*(ii) Attempt any six question from Section A.*

*Section B is compulsory.*

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**SECTION - A**

(Attempt *any six* questions from *Section-A*)

1. Draw the functional block diagram of a typical computer system ? Explain the function of each block. 5
2. Define storage. Distinguish between primary and secondary storage devices. 5
3. Distinguish between Data, information and knowledge. What are the main characteristic of information ? 5
4. Write a brief note on virus threat and a protection strategy. 5

5. What is a computer network ? Briefly discuss LAN MAN and WAN. 5
6. Discuss the role of operating system. Classify the different type of operating system on the basis of type of interface. 5
7. Explain the importance of Mail Merge in MS Word. 5
8. Write short note on **any two** : 5
  - (a) Computer Generations
  - (b) Multitasking.
  - (c) Reference concept in Excel.

## SECTION - B

9. Please select the most suitable alternative : 20x2=40

- (a) All of the following are examples of real security and privacy risk EXCEPT :
- (i) Hackers
  - (ii) Spam
  - (iii) Viruses
  - (iv) Identify theft.
- (b) The ability to recover and read deleted or damage files from a criminals, computer is an example of a law enforcement specialty called :
- (i) Robotics
  - (ii) Simulation
  - (iii) Computer forensis
  - (iv) Animation
- (c) Which of the following is not one of the four major data processing functions of a computer ?
- (i) Gathering data
  - (ii) Processing data into information
  - (iii) Analyzing the data/information
  - (iv) Storing data or information.
- (d) The name for the way that computers manipulate data into information is called :
- (i) Programming
  - (ii) Processing
  - (iii) Storing
  - (iv) Organizing

- (e) Which of the following is an example of an input device ?
- (i) Scanner
  - (ii) Speaker
  - (iii) CD
  - (iv) Printer
- (f) Servers are computers that provide resources to other computers connected to a :
- (i) Network
  - (ii) Mainframe
  - (iii) Super computer
  - (iv) Client
- (g) DSL is an example of a (n) \_\_\_\_\_ connection.
- (i) Network
  - (ii) Wireless
  - (iii) Slow
  - (iv) Broadband
- (h) The difference between people with access to computers and the Internet and those without this access is known as the :
- (i) Digital divide
  - (ii) Internet divide
  - (iii) Web divide
  - (iv) Broad band divide
- (i) \_\_\_\_\_ are specially designed computers that perform complex calculations extremely rapidly.
- (i) Servers
  - (ii) Super computers
  - (iii) Laptops
  - (iv) Main frames.

- (j) A byte can hold one \_\_\_\_\_ of data.
- (i) Bit
  - (ii) Binary digit
  - (iii) Character
  - (iv) Kilobyte
- (k) \_\_\_\_\_ controls the way in which the computer system functions and provides a means by which users can interact with the computer
- (i) The platform
  - (ii) The operating system
  - (iii) Application software
  - (iv) The mother board
- (l) \_\_\_\_\_ is the layer of a computer system between the hardware and the user program :
- (i) Operating System
  - (ii) Applications Software Program
  - (iii) Firmware
  - (iv) None of above
- (m) The two kind of main memory are :
- (i) Primary storage and secondary storage
  - (ii) Random memory and sequential memory
  - (iii) RAM and ROM
  - (iv) None of above

- (n) In MS Word 2010, the shortcut key for undo and redo an operation is :
- (i) ctr + z and ctr + y
  - (ii) ctr + z and ctr + x
  - (iii) ctr + y and ctr + z
  - (iv) None of above.
- (o) Which of the following shortcut key is used to check spelling ?
- (i) F<sub>7</sub>
  - (ii) F<sub>1</sub>
  - (iii) F<sub>2</sub>
  - (iv) None of above
- (p) In MS Word 2010 Mail Merge can be found under tab
- (i) Mailing
  - (ii) Review
  - (iii) Insert
  - (iv) References
- (q) The by default reference concept used in excel is :
- (i) Relative Reference
  - (ii) Static Reference
  - (iii) Absolute Reference
  - (iv) All of above.
- (r) In order to execute a formulae in excel, one need to press :
- (i) F<sub>5</sub>
  - (ii) Shift + Enter
  - (iii) Enter
  - (iv) None of above.
- (s) In MS Excel, a pie chart requires :
- (i) One series
  - (ii) Two series
  - (iii) Any no. of series
  - (iv) None of above.

- (t) When you copy a formula cell in excel and try to paste it, what is going to be copied ?
- (i) Formula + value
  - (ii) Only value
  - (iii) Only formula
  - (iv) None of these.
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