M.Sc. FOOTWEAR TECHNOLOGY AND MANAGEMENT (MSCFWT)

Term-End Examination

June, 2013   00831

MFW-026 : COMPUTER SCIENCE

Time : 3 Hours   *Maximum Marks : 70*

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

(ii) Attempt any 6 questions from Section 'A'.

Section 'B' is compulsory.

SECTION-A

Attempt **any six** questions from **Section-A.**

1. What are the main reasons for success/failure of   5
    an information system ?

2. What is an IPO cycle ? Briefly discuss its   5
    importance in the functionality of a computer
    system ?

3. What are Network Protocols ? Name some   5
    commonly used network protocols.

4. Differentiate between System Software and   5
    Application Software. System software works as
    an interface between user and computer.
    Comment.

5. What is computer virus ? What is the difference   5
between a computer virus and computer worm ?

6. What are the different characteristics of digital   5
computer system ?

7. What is cache memory ? Discuss it's importance   5
in the functionality of a computer system.

8. Explain the functions of an operating system.   5
Distinguish between multitasking and
multiprocessing operating system.

SECTION-B

9. Choose the correct answer from the given four alternatives : 20x2=40

(a) Artificial intelligence belongs to which generation computers ?

(i) First Generation

(ii) Third Generation

(iii) Fifth Generation

(iv) Fourth Generation

(b) In MS Word 2010 the default file type is :

(i) docx (ii) docs

(iii) doc (iv) docz

(c) The Keyboard shortcut to justify the text in MS word is :

(i) Ctrl + J (ii) Ctrl + C

(iii) Ctrl + E (iv) None of above

(d) The short cut for inserting a page break in word 2010 is :

(i) Ctrl + Enter (ii) Shift + Enter

(iii) Enter (iv) All of above

(e) Which symbol is used to implement Absolute Reference in excel 2010 ?

(i) = (ii) $

(iii) @ (iv) None of these

(f) In Excel, a cell may be referenced across the different worksheets of the book :

   (i) True   (ii) False

(g) A pie chart simply represents :

   (i) Weightage statistics

   (ii) Normal statistics

   (iii) Accumulative statistics

   (iv) None of these

(h) In the context of animations, what is a trigger ?

   (i) An action button that advances to the next slide

   (ii) Hardware

   (iii) Application Software Program

   (iv) None of these

(i) The Keyboard shortcut to enter a new slide in PowerPoint 2010 :

   (i) Ctr. + N   (ii) Ctr. + M

   (iii) Ctr. + O   (iv) None of these

(j) The difference between memory and storage is that the memory is _____ and storage is _____.

   (i) Temporary, Permanent

   (ii) Permanent, Temporary

   (iii) Slow, Fast

   (iv) None of above

(k) Actual execution of instruction in a computer takes place in :

    (i)   ALU   (ii)   Control Unit

    (iii)   Storage Unit   (iv)   None of above

(*l*) Information retrieval is faster from :

    (i)   Floppy disk   (ii)   Compact disk

    (iii)   Hard disk   (iv)   None of above

(m) Operating system :

    (i)   Link a program with the subroutines it refers.

    (ii)   Provides a layered, user-friendly interface.

    (iii)   Enable a programmer to draw a flowchart

    (iv)   None of above

(n) Execution of two or more programs by single CPU is known as :

    (i)   Multiprocessing

    (ii)   Time sharing

    (iii)   Multiprogramming

    (iv)   None of above

(o) Modem stands for :

    (i)   A type of secondary memory

    (ii)   Modulator demodulator

    (iii)   Mainframe operating device memory

    (iv)   None of above

(p) Ethernet uses :

    (i)   Bus topology   (ii)   Ring topology

    (iii)   Mesh topology   (iv)   None of above

(q) Which of the following does not represent on I/O device ?

    (i)   Speaker which beeps

    (ii)   Joystick

    (iii)   Plotter

    (iv)   ALU

(r) The communication line between the CPU, memory and peripherals is called a :

    (i)   Bus   (ii)   Line

    (iii)   Media   (iv)   None of these

(s) A bootstrap is :

    (i)   A memory device

    (ii)   A device to support the computer

    (iii)   A small initialisation program to start up a computer

    (iv)   An error correction technique

(t) PCI stands for :

    (i)   Peripheral Component Interface

    (ii)   Peripheral Computer Interconnect

    (iii)   Peripheral Component Interconnect

    (iv)   None of these