MFW-026

M.Sc. FOOTWEAR TECHNOLOGY (MSCFWT)

Term-End Examination

June, 2015

□□289

MFW-026 : COMPUTER SCIENCE

Time : 3 hours   *Maximum Marks : 70*

*Note : There are **two** Sections — Section A and Section B. Answer any **five** questions from Section A. Section B is **compulsory**.*

SECTION A

*Attempt any **five** questions.*   *5×9=45*

1. What is a CPU 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 that mainly comprise a 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 is primary memory ? How is it going to impact the performance of the computer system ?

SECTION B
(Compulsory)

8. Choose the correct answer.   25×1=25

(i) UNIVAC is
   (a) Universal Automatic Computer
   (b) Unique Automatic Computer
   (c) Universal Array Computer
   (d) Unvalued Automatic Computer

(ii) A modern electronic computer consists of
   (a) A central processing unit
   (b) Input and output units
   (c) A memory
   (d) All of the above

(iii) USB stands for
   (a) Universal Serial Bus
   (b) Universal Synchronous Bus
   (c) Unique Serial Bus
   (d) All of the above

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

(v) Which of the following memories allows simultaneous read and write operations ?
   (a) ROM
   (b) RAM
   (c) EPROM
   (d) None of the above

(vi) Microprocessors as switching devices are for which generation computers ?

(a) First

(b) Second

(c) Third

(d) Fourth

(vii) Pick the one that is used for logical operations or comparisons such as less than, equal to or greater than.

(a) Arithmetic and Logic Unit

(b) Control Unit

(c) Both (a) and (b)

(d) None of the above

(viii) The start-up routine that runs when the machine boots-up is known as

(a) POST

(b) Boot-up

(c) Operating Routine

(d) I/O Operation

(ix) The two kinds of Main Memory are

(a) Primary and Secondary Storage

(b) RAM and ROM

(c) Random and Sequential Memory

(d) None of the above

(x) The term Gigabyte refers to

(a) 1024 Megabytes

(b) 1000 Megabytes

(c) 1024 Kilobytes

(d) 1024 Terabytes

(xi) In MS PowerPoint 2010, the default file type is

(a) .ppt

(b) .pptx

(c) .ppts

(d) .pdf

(xii) In MS Word 2010, the shortcut key for Undo and Redo an operation is

(a) Ctrl + Z and Ctrl + Y

(b) Ctrl + Y and Ctrl + Z

(c) Ctrl + Z and Ctrl + X

(d) None of the above

(xiii) In H_2O, the figure 2 has been lowered. Which effect has been applied ?

(a) Superscript

(b) Subscript

(c) Lowered

(d) None of the above

(xiv) Which of the following shortcut keys is used to check spelling ?

(a) F7

(b) F2

(c) F1

(d) None of the above

(xv) In MS Word 2010, MailMerge can be found under the tab

(a) Mailing

(b) Insert

(c) Review

(d) References

(xvi) The by default reference concept used in MS Excel is

(a) Relative Reference

(b) Absolute Reference

(c) Static Reference

(d) All of the above

(xvii) An MS Excel workbook may have _____ number of worksheets.

(a) 3

(b) n, where n may take any number

(c) 4

(d) None of the above

(xviii) In order to execute a formula in Excel, one needs to press

    (a) F5

    (b) Enter

    (c) Shift + Enter

    (d) None of the above

(xix) In MS Excel, a pie chart requires

    (a) One Series

    (b) Any number of Series

    (c) Two Series

    (d) None of the above

(xx) When you copy a formula cell in MS Excel and try to paste it, what is going to be copied ?

    (a) Formula + Value

    (b) Only Formula

    (c) Only Value

    (d) None of the above

(xxi) 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) Add a slide option

    (c) Outline view

    (d) A design template

(xxii) In the context of animation, what is trigger ?

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

(b) Application software program

(c) Hardware

(d) None of the above

(xxiii) Special effects used to introduce slides in a presentation are called

(a) Custom Animation

(b) Transition

(c) Preset Animation

(d) None of the above

(xxiv) Which of the following can you use to add times to the slides in a presentation ?

(a) Slide Show Menu

(b) Rehearse timing button

(c) Slide transition button

(d) All of the above

(xxv) In MS PowerPoint 2010, which of the following is *not* one of PowerPoint's slides' views ?

(a) Normal view

(b) Slide sorter view

(c) Outline view

(d) Notes pages view