

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

**Term-End Examination
December, 2014**

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.*

1. Draw the functional block diagram of a typical computer system and explain the functions of each block. 9
2. Define network topology. Name a few well known network topologies. 9
3. What are the main components that mainly comprise a typical computer system ? 9
4. Discuss the application areas of Microsoft Excel application. 9

5. Differentiate between data and instruction. Draw the hierarchy starting from data upto software package. 9
6. Classify computer systems on the basis of size, performance and area occupied. 9
7. What is primary memory ? How is it going to impact the performance of the computer system ? 9

SECTION B

25×1=25

8. (i) Who is called as the father of Computer Science ?
- (a) Alan Turing
 - (b) Charles Babbage
 - (c) Von Neumann
 - (d) None of these
- (ii) A modern electronic computer consists of a/an
- (a) Central Processing Unit
 - (b) Memory
 - (c) Input and Output unit
 - (d) All of the above
- (iii) PCI stands for
- (a) Peripheral Component Interface
 - (b) Peripheral Component Interconnect
 - (c) Peripheral Computer Interface
 - (d) None of these
- (iv) The software required to interact between the hardware and the user program is
- (a) Operating system
 - (b) Application software
 - (c) Firmware
 - (d) None of these
- (v) Which of the following memories allows read once operation ?
- (a) ROM
 - (b) RAM
 - (c) EPROM
 - (d) EEPROM

- (vi) Artificial Intelligence belongs to which generation computers ?
- (a) First Generation
 - (b) Fifth Generation
 - (c) Fourth Generation
 - (d) None of these
- (vii) ULSI stands for
- (a) Ultra Large Scale Integration
 - (b) Ultra Large Scale Industry
 - (c) Under Large Scale Integration
 - (d) None of these
- (viii) The start up routine runs, when 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 these

- (x) The term Megabyte refers to
- (a) 1024 Bytes
 - (b) 1024 Kilobytes
 - (c) 1000 Kilobytes
 - (d) None of these
- (xi) In MS Word 2010, the default file type is
- (a) .docx
 - (b) .doc
 - (c) .docs
 - (d) .docz
- (xii) In MS Word 2010, the shortcut key for redo an operation is
- (a) Ctrl + Y
 - (b) Ctrl + X
 - (c) Ctrl + Z
 - (d) Ctrl + U
- (xiii) In 2nd, the letters 'nd' appeared lowered. Which effect has been applied ?
- (a) Superscript
 - (b) Subscript
 - (c) Lowered
 - (d) None of these

- (xiv) The keyboard shortcut to centre align the text in MS Word 2010 is
- (a) Ctrl + J
 - (b) Ctrl + E
 - (c) Ctrl + C
 - (d) Ctrl + L
- (xv) The shortcut key used for inserting a page break in MS Word 2010 is
- (a) Ctrl + Enter
 - (b) Ctrl + B
 - (c) Shift + Enter
 - (d) Enter
- (xvi) Which symbol is used to implement Absolute Reference in Excel 2010 ?
- (a) =
 - (b) \$
 - (c) @
 - (d) #
- (xvii) In Excel 2010, a cell may be referenced across the different worksheets of the book.
- (a) True
 - (b) False

- (xviii) In order to execute a formula in Excel, one needs to press
- (a) F5
 - (b) Enter key
 - (c) Shift + Enter
 - (d) None of these
- (xix) A pie chart simply represents
- (a) Weightage statistics
 - (b) Accumulative statistics
 - (c) Normal statistics
 - (d) None of these
- (xx) When you copy a formula in Excel and try to paste it, what is going to be copied ?
- (a) Formula + Value
 - (b) Only Formula
 - (c) Only Value
 - (d) None of these
- (xxi) The shortcut key for running the slide show from the current slide is
- (a) F4
 - (b) F5
 - (c) Shift + F5
 - (d) F7

- (xxii) In the context of animation, what is a trigger ?
- (a) An action button that advances to the next slide
 - (b) Application software program
 - (c) A design template
 - (d) None of these
- (xxiii) The keyboard shortcut to enter a new slide in PowerPoint 2010 is
- (a) Ctrl + N
 - (b) Ctrl + M
 - (c) Ctrl + O
 - (d) None of these
- (xxiv) Microsoft Office is a/an
- (a) Software Package
 - (b) Application Software
 - (c) System Software
 - (d) None of these
- (xxv) TCP stands for
- (a) Transmission Control Protocol
 - (b) Transfer Control Protocol
 - (c) Transition Control Protocol
 - (d) None of these
-