M.Sc. FOOTWEAR TECHNOLOGY (MSCFWT)

Term-End Examination

December, 2015

MFW-026 : COMPUTER SCIENCE

Time : 3 hours   *Maximum Marks : 70*

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

SECTION A

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

1. Draw the functional block diagram of a typical computer system and explain the functions of each block.

2. What is an Operating System ? Differentiate between CUI and GUI based operating systems.

3. Define Computer Network. Briefly discuss the different types of networks.

4. Define Computer Virus. Differentiate between computer virus and computer worm.

5. Define storage. What are the different types of storage media we are using today ?

6. Explain the importance of Mail Merge in MS Word.

7. Differentiate between Data, Information and Knowledge. Discuss the impact of Information Technology in the footwear industry.

SECTION B

8. (i) Who is called as the father of Computer Science ?
   (a) Alan Turing
   (b) Von Neumann
   (c) Charles Babbage
   (d) None of the above

   (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) PCI stands for
   (a) Peripheral Component Interface
   (b) Peripheral Computer Interconnect
   (c) Peripheral Component Interconnect
   (d) None of the above

   (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 the above

   (v) Which of the following memories allows read once operation ?
   (a) ROM
   (b) RAM
   (c) EPROM
   (d) None of the above

(vi) Artificial Intelligence belongs to which generation of computers ?

(a) First

(b) Fifth

(c) Fourth

(d) Second

(vii) The start-up routine which runs when the machine boots up, is known as

(a) POST

(b) Boot up

(c) Operating System

(d) I/O Operation

(viii) ULSI stands for

(a) Ultra Large Scale Integration

(b) Under Large Scale Integration

(c) Ultra Large Scale Industry

(d) None of the above

(ix) The two kinds of Main Memory are

(a) Primary and Secondary

(b) RAM and ROM

(c) Random and Sequential

(d) None of the above

(x) The term Megabyte refers to

    (a) 1024 bytes

    (b) 1000 kilobytes

    (c) 1024 kilobytes

    (d) None of the above

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

    (a) .docx

    (b) .doc

    (c) .docs

    (d) .docz

(xii) In MS Word 2010, the short-cut key to redo an operation is

    (a) Ctrl + Y

    (b) Ctrl + Z

    (c) Ctrl + X

    (d) None of the above

(xiii) In 2nd, the letters 'nd' is appear to be raised. Which effect has been applied ?

    (a) Superscript

    (b) Subscript

    (c) Lowered

    (d) None of the above

(xiv) The keyboard short-cut to center align the text in MS Word is

(a) Ctrl + J

(b) Ctrl + E

(c) Ctrl + C

(d) None of the above

(xv) The keyboard short-cut for inserting a page break in MS Word 2010 is

(a) Ctrl + Enter

(b) Ctrl + P

(c) Shift + Enter

(d) None of the above

(xvi) Which symbol is used to implement an absolute reference in MS Excel 2010 ?

(a) =

(b) $

(c) @

(d) None of the above

(xvii) In MS Excel, a cell may be referenced across different worksheets of the workbook.

(a) True

(b) False

(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) A pie chart simply represents

    (a) weightage statistics

    (b) accumulative statistics

    (c) normal statistics

    (d) None of the above

(xx) The keyboard short-cut used to run the slideshow from the current slide is

    (a) F5

    (b) Shift + F5

    (c) Ctrl + F5

    (d) None of the above

(xxi) The keyboard short-cut used to enter a new slide in PowerPoint 2010 is

    (a) Ctrl + N

    (b) Ctrl + M

    (c) Ctrl + O

    (d) None of the above

(xxii) In MS Word 2010, a file may have ＿＿ number of sections.

(a) one

(b) n, where n may be any number

(c) two

(d) None of the above

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

(a) custom animation

(b) design template

(c) preset animation

(d) None of the above

(xxiv) The keyboard short-cut to enter a new slide in PowerPoint 2010 is

(a) Ctrl + N

(b) Ctrl + M

(c) Ctrl + O

(d) None of the above

(xxv) In MS Word 2010, track changes can be found under the tab

(a) View

(b) Mailing

(c) Review

(d) Insert   *25×1=25*