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BFW-037

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00381

June, 2014

BFW-037 : 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

5×9=45

1. Give full form of the following :

- (a) ASCII
- (b) VDU
- (c) TCP/IP
- (d) FAT
- (e) MS DOS

2. Draw the functional block diagram of digital computer system and explain the functionality of each block.

3. Differentiate between Internet and Intranet.

What are the main components that mainly comprise a typical computer system ?

5. What is the difference between Data and Instructions ?
6. Differentiate between Primary memory and Secondary memory.
7. What is multitasking ? How is it different from multiprocessing ?

SECTION B

8. Choose the correct answer from the given alternatives. 25×1=25

- (i) A modern electronic computer is a machine that is meant for
 - (a) Doing quick mathematical calculations
 - (b) Input, storage, manipulation and outputting of data
 - (c) Electronic data processing
 - (d) Performing repetitive tasks accurately
- (ii) CD-ROM stands for
 - (a) Computer Read Memory Only
 - (b) Computer Data Read Memory Only
 - (c) Computer Disk Read Only Memory
 - (d) Compact Disk Read Only Memory
- (iii) A modern electronic computer consists of
 - (a) Central Processing Unit
 - (b) A memory
 - (c) Input and Output Unit
 - (d) All of the above
- (iv) EEPROM stands for
 - (a) Electrically Erasable Programmable Read Only Memory
 - (b) Easily Erasable Programmable Read Only Memory
 - (c) Electronic Erasable Programmable Read Only Memory
 - (d) None of the above

- (v) Artificial Intelligence is associated with which generation ?
- (a) First generation
 - (b) Second generation
 - (c) Fifth Generation
 - (d) Sixth Generation
- (vi) Which statement is valid ?
- (a) 1 KB = 1024 bytes
 - (b) 1 MB = 2048 bytes
 - (c) 1 MB = 1000 kilobytes
 - (d) 1 KB = 1000 bytes
- (vii) Software in computer
- (a) Enhances the capabilities of the hardware machine
 - (b) Increases the speed of Central Processing Unit
 - (c) Both of the above
 - (d) None of the above
- (viii) Which language is directly understood by the computer system ?
- (a) Machine language
 - (b) Assembly language
 - (c) High level language
 - (d) None of the above
- (ix) Speed of CPU is normally measured in
- (a) GHz
 - (b) Gbps
 - (c) GB
 - (d) None of the above

- (x) _____ partition is the partition of the currently running operating system.
- (a) Primary
 - (b) Logical
 - (c) Active
 - (d) Extended
- (xi) An HDD may have more than one operating system within the same partition.
- (a) True
 - (b) Cannot say
 - (c) False
 - (d) May be true/false
- (xii) Before a disk can be used to store data, it must be
- (a) Formatted
 - (b) Reformatted
 - (c) Addressed
 - (d) None of the above
- (xiii) What type of device is a Network MODEM ?
- (a) Input
 - (b) Output
 - (c) Both of the above
 - (d) None of the above

- (xiv) What passes into a computer and out from a computer via its ports ?
- (a) Data
 - (b) Bytes
 - (c) Graphics
 - (d) Picture
- (xv) A thread is a
- (a) Data
 - (b) Bytes
 - (c) Control
 - (d) Input device
- (xvi) In MS-Word 2010, the shortcut key for Undo & Redo an operation is
- (a) Ctr + Z & Crt + Y
 - (b) Ctr + Z & Ctr + X
 - (c) Ctr + Y & Ctr + Z
 - (d) None of above
- (xvii) An MS-Word file by default has _____ sections, but it may have _____ sections.
- (a) 1, n
 - (b) n, n
 - (c) 2, n
 - (d) None of the above

- (xviii) The keyboard shortcuts for Cut & Paste operations are
- (a) Ctr + V & Ctr + P
 - (b) Ctr + X & Ctr + V
 - (c) Ctr + C & Ctr + P
 - (d) Ctr + V & Ctr + X
- (xix) The keyboard shortcut used for centre alignments is
- (a) Ctr + E
 - (b) Ctr + J
 - (c) Ctr + R
 - (d) Ctr + L
- (xx) An Excel worksheet has _____ Rows and _____ Columns.
- (a) 65536, 256
 - (b) 655536, 256
 - (c) 256, 65536
 - (d) 256, 655536
- (xxi) In MS-Excel 2010, the file extension is
- (a) xls
 - (b) xlss
 - (c) xlsx
 - (d) None of the above
- (xxii) In order to implement a formula in a cell, we need to enter _____ sign.
- (a) +
 - (b) *
 - (c) =
 - (d) None of the above

- (xxiii) In Powerpoint 2010, new slides can be inserted using the keyboard shortcut
- (a) Ctr + N
 - (b) Ctr + O
 - (c) Ctr + M
 - (d) None of the above
- (xxiv) The keyboard shortcut to run the slide show in Powerpoint is
- (a) F₅
 - (b) F₇
 - (c) F₂
 - (d) None of the above
- (xxv) In PowerPoint 2010, special effects can be implemented in a slide using the tab
- (a) Animation
 - (b) Slide show
 - (c) Transition
 - (d) None of the above
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