B.Sc. IN LEATHER GOODS AND ACCESSORIES DESIGN (BSCLGAD)

Term-End Examination

December, 2015

BFW-053 : COMPUTER APPLICATION – I

Time : 3 hours　　　　　　　　*Maximum Marks : 70*

Note : *Attempt **seven** questions in all. Question number 1 is **compulsory**. All questions carry equal marks.*

1.　Choose the correct answer from the given four alternatives.　　　*10×1=10*

　　(a)　1 TB is equal to
　　　　(i)　1024 GB
　　　　(ii)　1024 MB
　　　　(iii)　1024 KB
　　　　(iv)　1024 bytes

　　(b)　Which of the following is the most powerful computer ?
　　　　(i)　Supermicro
　　　　(ii)　Superconductor
　　　　(iii)　Microcomputer
　　　　(iv)　Supercomputer

(c)   A computer program consists of

(i)   a completed flow chart

(ii) algorithms

(iii) algorithms written in computer's language

(iv) discrete logical steps

(d)   A collection of eight bits is called a

(i)   byte

(ii) word

(iii) record

(iv) file

(e)   Processors of all computers, whether micro, mini, or mainframe, must have

(i)   primary storage

(ii) ALU

(iii) control unit

(iv) All of the above

(f)   ROM is composed of

(i)   magnetic cores

(ii) microprocessors

(iii) photoelectric cells

(iv) floppy disks

(g)   In computer terminology, a compiler means

(i)   a person who compiles source program

(ii) the same thing as a programmer

(iii) key-punch operator

(iv) a program which translates a source program into an object program

(h) What is the name of the software developed by Microsoft ?

(i) Windows

(ii) Solaris

(iii) Adobe Connect

(iv) Linux

(i) Virtual memory is

(i) simple to implement

(ii) used in all major commercial operating systems

(iii) less efficient in utilization of memory

(iv) useful when fast I/O devices are not available

(j) The most common systems security method is

(i) passwords

(ii) encryption

(iii) firewall

(iv) None of the above

2. Draw the functional block diagram of a digital computer system and explain the functionality of each block. *10*

3. Define Computer Virus. Differentiate between Computer Virus and Computer Worm. *10*

4. Differentiate between multiprocessing and multitasking computer systems. *10*

5. Define storage in computer. What is the difference between volatile and non-volatile memories ? *10*

6. What are the differences between a compiler and an interpreter ? *10*

7. What is an operating system ? Briefly discuss CUI and GUI based operating systems. *10*

8. Explain 'Computer Generations' in detail. *10*

9. Explain various input and output devices of a computer system. *10*

10. Write down the uses of the following commands; generally used : *5×2=10*
    (a) Undo
    (b) Redo
    (c) Cut
    (d) Copy
    (e) Paste

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