DIPLOMA IN CIVIL ENGINEERING (DCLE(G)) / DIPLOMA IN MECHANICAL ENGINEERING (DME) / DCLEVI / DMEVI / DELVI / DECVI / DCSVI / ACCLEVI / ACMEVI / ACELVI / ACECVI / ACCSVI

Term-End Examination
ロロ6与己
June, 2019

BET-017 : COMPUTER BASICS

Time : 2 hours   *Maximum Marks : 70*

Note : *Question no.* **1** *is* **compulsory**. *Attempt any* **four** *questions out of the remaining questions.*

1. Choose the most appropriate answer from the options given for the following :   *7×2=14*

    (a) Which of the following is **not** a hardware ?

    (i) Printer

    (ii) Assembler

    (iii) Magnetic tape

    (iv) VDU terminal

(b) Which of the following does **not** represent Input/Output (I/O) device ?

    (i)   Plotters

    (ii) Joystick

    (iii) Speakers

    (iv) ALU

(c) Single BYTE consists of the following numbers of BITS :

    (i)   2 Nos

    (ii) 4 Nos

    (iii) 8 Nos

    (iv) 16 Nos

(d) Multiple choice examination answer sheets can be evaluated automatically using

    (i)   Optical mark reader

    (ii) Magnetic reader

    (iii) Magnetic ink reader

    (iv) Magnetic tape/disc reader

(e) Which of the following is the smallest storage unit ?

    (i)   Terabyte

    (ii) Gigabyte

    (iii) Kilobyte

    (iv) Megabyte

(f) "MAN" stands for

(i) Main Area Network

(ii) Minimum Area Network

(iii) Maximum Area Network

(iv) Metropolitan Area Network

(g) A self-replicating program, similar to a virus is

(i) Bug

(ii) Lice

(iii) Worm

(iv) Spam

2. (a) What is a computer ? Describe the general architecture of a computer.

(b) Differentiate between RAM and ROM. *2×7=14*

3. (a) What is a "Spreadsheet" ? Also write major uses of Excel program.

(b) Write steps involved in creation of a table having three rows and four columns. Also explain how column can be removed from the table. *2×7=14*

4. (a) What types of slides are commonly used while creating a presentation ?

(b) What do you understand by the term "PowerPoint" ? Explain how you will make your presentation attractive. *2×7=14*

5. (a) What do you understand by the term "Computer Infection" ? How can it be prevented ?

   (b) What do you understand by the term "Search Engines" ? What are their functions ? *2×7=14*

6. (a) What do you mean by computer networking ? Explain different types of computer networking.

   (b) What are the advantages and disadvantages of Internet ? Explain. *2×7=14*

7. Explain any *seven* of the following terms/abbreviations : *7×2=14*

   (a) CPU

   (b) ALU

   (c) GUI

   (d) URL

   (e) WLAN

   (f) MS-DOS

   (g) PROM

   (h) DVD

   (i) BIT