Diploma in Civil Engineering / Diploma in Electrical & Mechanical Engineering

Term-End Examination

June, 2011

BET-017 : COMPUTER BASICS

Time : 2 hours   *Maximum Marks : 70*

Note :   *(i)*   *Question number 1 is **compulsory**.*

       (ii)   *Attempt **any four** questions out of the remaining questions numbered 2 to 6.*

1.   (a)   Fill in the Blanks from the choices given below :   **7x1=7**

       (i)   _____ are the most powerful computers made, and physically they are some of the largest.

       (ii)   The most common type of memory is called _____.

       (iii)   Application software tells the computer how to accomplish _____ task.

       (iv)   _____ is an error in a computer program.

       (v)   _____ is a type of optical device that allows user to record, erase, and re-record data on a special disc.

(vi) A _____ is a diagram of the program control flow

(vii) _____ is a search engine.

Choices :

(i) ROM (ii) Super computers

(iii) Google (iv) RAM

(v) Internet (vi) Bug

(vii) DVD (viii) Specific

(ix) Microsoft (x) Flowchart

(b) State *True* or *False*　　　　　　**7x1=7**

(i) The Acronym 'DOS' stands for distributed operating system.

(ii) Local Area Network (LAN) is a data communication system consisting of several devices such as computers and printers.

(iii) An important feature of any LAN is its topology.

(iv) ATM is a protocol designed by the power industry.

(v) ISDN is a compact disc telephone service.

(vi) Satellite service provide two–way data communication between the customer and the internet.

(vii) Macro is a list of commands, key strokes, or other actions that had been saved and given a name.

2. Attempt *any two* of the following : 2x7=14

   (a) How do you search for a webpage using Internet ? Explain the steps involved.

   (b) What is the need for creating a website ? What are the differences between static website and dynamic website ?

   (c) What do you understand by a tool bar ? Write the procedure of getting an access to a tool bar, in MS word, which is not open.

3. Explain the difference between *any two* of the following with the help of an example of each : 2x7=14

   (a) First Generation Vs. Second Generation

   (b) Input and output device

   (c) External and Internal Drive

   (d) GUI and CUI

4. Briefly write your views on *any two* of the following : 2x7=14

   (a) Intel is historically the leading provider of chips of PC.

   (b) Computer can communicate information to you in several ways.

   (c) Online shopping means buying a product or service through website.

5. Attempt *any two* of the following : 2x7=14

(a) Write down the configuration of a computer, you would like to buy for your personal purpose.

(b) Enlist various types of input devices. Describe any one of them.

(c) What is the difference between e-mail and chat ?

6. Write short notes on *any two* of the following : 2x7=14

(a) Task bar.

(b) Touch screen.

(c) LCD monitor.

(d) Pen-drive.

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