

**DIPLOMA IN CIVIL ENGINEERING  
(DCLE(G)) / DIPLOMA IN MECHANICAL  
ENGINEERING (DME)**

**DCLEVI/DMEVI/DELVI/DECVI/DCSVI/  
ACCLEVI/ACMEVI/ACELVI/ACECVI/ACCSVI**

**Term-End Examination**

**June, 2013**

**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 at the end of this question. **7x1=7**
- (i) A powerful computer is capable of performing about \_\_\_\_\_ simple instructions per second.
- (ii) \_\_\_\_\_ invented the slide rule, a calculating device based on the principle of logarithms.
- (iii) \_\_\_\_\_ was the first digital computer to be produced.
- (iv) Information stored on the computer \_\_\_\_\_ can not be altered.
- (v) Compact Disk(CD) can store data upto \_\_\_\_\_ .

(vi) \_\_\_\_\_ was the first version of windows to support 32 bit Intel and pentium micro processors.

(vii) \_\_\_\_\_ is considered as father of modern day computers.

**Choices :**

- (i) 700MB
- (ii) RAM
- (iii) ROM
- (iv) Windows NT
- (v) Charles Babbage
- (vi) William Oughtred
- (vii) 3-4 millions
- (viii) UNIVAC
- (ix) Windows 3.0
- (x) 4.0GB

(b) State **True** or **False** :

**7x1=7**

- (i) Scanner is an output device.
- (ii) MS Excel is an operating system.
- (iii) Random Access Memory is the permanent memory of a computer.
- (iv) Google is a most popular search engine.
- (v) E-mailing is possible without internet connection.
- (vi) Microsoft developed the windows operating system.
- (vii) Zoom only enlarges the display of your active document.

2. Attempt *any two* of the following : 2x7=14
- (a) Explain about components of a computer with diagram.
  - (b) Explain BITS and BYTES with examples.
  - (c) Write a note on computer memory ?
3. Differentiate between *any two* of the following with the help of an example of each : 2x7=14
- (a) Windows 1.0 and windows 3.1.
  - (b) 1st Generation and 3rd generation computers.
  - (c) LAN and WAN.
4. Briefly discuss *any two* of the following : 2x7=14
- (a) A search engine can provide you a lot of useful information.
  - (b) Power point presentation is a very effective tool of public address system.
  - (c) 'Microsoft'- A leader in developing operating system.
5. Attempt *any two* of the following : 2x7=14
- (a) What is the difference between online shopping and e-mailing ?
  - (b) Discuss the need of a "website" for any organization.
  - (c) Write how you create 'Bullets' and 'number' on the pages of your document.

6. Write short notes on *any two* of the following :

(a) Hard disk drive (HDD)

**2x7=14**

(b) Differences in Laptop and Desktop

(c) Print preview and Print options.

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