

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

Term-End Examination

00583

June, 2018

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 numbered 2 to 6.*

1. (a) Choose the correct answer from the options given for the following : $7 \times 1 = 7$
- (I) Which of the following persons is considered as the "Father of modern day computers" ?
- (i) Bill Gates
 - (ii) Howard
 - (iii) Charles Babbage
 - (iv) Herman Hollerith

(II) A single byte contains 'x' number of bits. x = ?

(i) 8

(ii) 4

(iii) 2

(iv) 0 and 1

(III) This memory holds data and cannot be changed by user :

(i) RAM

(ii) ROM

(iii) PROM

(iv) EPROM

(IV) These are used to print graphical output of Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) :

(i) Impact Printers

(ii) Graphical Printers

(iii) Desktop Printers

(iv) Plotters

(V) These are labelled pictures and represent applications that can be loaded into computer memory :

- (i) Memory card
- (ii) Icons
- (iii) Pendrive
- (iv) My Computer

(VI) It represents the contents of computer in a graphical form and allows us to perform various file and folder management tasks :

- (i) Windows Explorer
- (ii) My Computer
- (iii) My Documents
- (iv) Folder Manager

(VII) It is the smallest unit of data in a computer :

- (i) Bit
- (ii) Byte
- (iii) KB
- (iv) GB

(b) Write full form of the abbreviations given below : 7×1=7

(i) ALU

(ii) PROM

(iii) GUI

(iv) DSL

(v) WAN

(vi) BIT

(vii) RAM

2. (a) What is a computer ? What are the major components of a computer ? Explain.

(b) Explain the generations of computers. 7+7=14

3. (a) Explain different features of MS PowerPoint software.

(b) What types of slides are commonly used while creating a presentation ? Also, explain the features. 7+7=14

4. (a) What are various connectivity options available to connect to Internet ? Explain.

(b) What do you understand by computer infection ? Write remedial techniques for the same. 7+7=14

5. (a) What are the commonly used math functions in MS Excel ? Explain.

(b) What are the four possible text alignment in MS Word ? Explain.

$$7+7=14$$

6. Explain any *four* of the following :

$$4 \times 3 \frac{1}{2} = 14$$

- (a) E-mail
 - (b) Operating System
 - (c) Viruses and Worms
 - (d) Spreadsheet
 - (e) Networking
 - (f) Hardware
 - (g) Vacuum tubes
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