

**Diploma in Civil Engineering / Diploma
in Electrical & Mechanical Engineering**

04809

Term-End Examination

December, 2010

BET-017 : COMPUTER BASICS

Time : 2 hours

Maximum Marks : 70

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- Note :** (i) *Question number 1 is compulsory.*
(ii) *Attempt any four questions out of the remaining questions numbered 2 to 6.*
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1. (a) Mark the correct answer in the following :
- (i) The fastest memory is : $7 \times 1 = 7$
- (a) Hard disk
(b) Virtual memory
(c) Cache memory
(d) Magnetic tape
- (ii) ALU stands for :
- (a) Arithmetic Logic Unit
(b) Algorithm Level Unit
(c) Another Level Unit
(d) None of the above

- (iii) Which of the following is not an essential part of computer system ?
- (a) CPU
 - (b) PRINTER
 - (c) INPUT UNIT
 - (d) OUTPUT UNIT
- (iv) One kilobyte is :
- (a) 1000 bytes
 - (b) 1024 bytes
 - (c) 1048 bytes
 - (d) None of the above
- (v) BYTES are typically a sequence of :
- (a) 8 bits
 - (b) 10 bits
 - (c) 15 bits
 - (d) 20 bits
- (vi) Which of the following is not a system program ?
- (a) Compiler
 - (b) Assembler
 - (c) Interpreter
 - (d) None of the above

(vii) Indicate which is not a computer package ?

- (a) LOTUS
- (b) PASCAL
- (c) CAD
- (d) DBASE

(b) State true or false : $7 \times 1 = 7$

- (i) GIGO stands for Garbage In Garbage Out
- (ii) Program counter holds the address of current instruction
- (iii) C++ is an operating system
- (iv) RAM stands for Random Available Mouse
- (v) CRT stands for Cathode Ray Tube
- (vi) GUI stands for Game User Interface
- (vii) MS Word is an Operating System

2. Define the following terms in brief : $2 \times 7 = 14$

- (i) High level language
- (ii) Flow chart
- (iii) Hyper link
- (iv) Header and footer options
- (v) Macro
- (vi) Windows explorer
- (vii) Paint brush

3. (a) Classify the computer based on following parameters : 7
- (i) technology used
 - (ii) speed
 - (iii) storage capacity
 - (iv) programming language used by them
- (b) Explain various secondary memory devices 7
4. (a) List the name of any five parts of word window and write their functionality. 10
- (b) List the series of steps, followed in order to print a word document. 4
5. Write the list of commands for any two of the following $2 \times 7 = 14$
- (i) To insert rows and columns in a table
 - (ii) To create and merge cells in a excel document
 - (iii) To enter the text in a header and footer items.
6. Write short notes on any two of the following $2 \times 7 = 14$
- (i) RAM and ROM.
 - (ii) Arithmetic logic unit
 - (iii) Features of fifth generation computer.