

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

**Term-End Examination**

**June, 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 : 7x1=7
- (i) The correct instruction execution sequence is :
- (A) Execute, fetch, decode  
(B) Execute, decode, fetch  
(C) Decode, fetch, execute  
(D) Fetch, decode, execute
- (ii) The length of time required to go through one machine operation is called :
- (A) machine cycle  
(B) clock cycle  
(C) read cycle  
(D) write cycle

- (iii) Windows-95 operating system is :
- (A) 32 bit
  - (B) 10 bit
  - (C) 15 bit
  - (D) 20 bit
- (iv) The input device OCR stands for :
- (A) Operand clock recognition
  - (B) Optical character recognition
  - (C) Operand clock register
  - (D) Opcode character register
- (v) CAD stands for :
- (A) Computer Operated Device
  - (B) Computer Aided Design
  - (C) Computer Operated Door
  - (D) None of the above
- (vi) What is the odd term out of the following ?
- (A) MS-DOS
  - (B) C++
  - (C) UNIX
  - (D) WINDOWS-95
- (vii) FORTRAN stands for :
- (A) Beginners language
  - (B) Formula translation
  - (C) Parallel processing language
  - (D) None of the above

- (b) State *true* or *false* : 7x1=7
- (i) EPSON stylus colour 500 and HP DJ 590 are Inkjet printers.
  - (ii) Plotters are used to Print Graphical Output.
  - (iii) Floppy disk is primary or main memory storage.
  - (iv) LAN stands for Local Area Network.
  - (v) Dot matrix printers are impact printers.
  - (vi) LCD stands for Liquid Crystal Dome.
  - (vii) A programming methodology used in internet is C++ programming.

2. (a) Write about Computer Generation. 6
- (b) Write short notes on the following : 8
- (i) input unit
  - (ii) output unit
  - (iii) arithmetic logic unit
  - (iv) control unit
3. (a) Write the sequence of steps to perform following operations : 10
- (i) copying files
  - (ii) renaming files
- (b) List steps to access the media player. For what purpose media player is used ? 4

4. (a) What is meant by electronic infection ? 7  
What are various causes of it ? How they can be prevented ?
- (b) What is a spreadsheet ? What are major uses of Excel software ? 7
5. Write the functions performed by following functions : 14
- (a) ROUND ( )
- (b) SQRT ( )
- (c) AVERAGE ( )
- (d) MAX ( )
- (e) MIN ( )
- (f) COUNT ( )
6. Explain the functioning of following in context of power point window : 14
- (a) Title bar
- (b) Menu bar
- (c) Standard toolbar
- (d) Formatting toolbar
- (e) Drawing toolbar
- (f) Scroll tools
- (g) Status bar
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