01562

B.Tech. Civil (Construction Management)

Term-End Examination

December, 2011

ET-301(B) : COMPUTER APPLICATIONS

Time : 3 hours   *Maximum Marks : 70*

Note : Question number **1** is **compulsory**. Answer **any four** questions from the remaining questions.

1. (a)   Describe the block diagram of a computer.   **4**

    (b)   What is the difference between FILLET and   **3**
          CHAMFER ?

    (c)   Define the following MS-DOS commands :   **4**
          (i)   MKDIR   (ii)   FORMAT
          (iii) DEL   (iv)   CLS

    (d)   Give dBase command for the following :   **4**
          (i)   To add a blank record in existing
                database
          (ii) Permanent deletion of selected records

    (e)   Explain following wordstar commands :   **4**
          (i)   CTRL + K + B
          (ii) CTRL + O + C

    (f)   Explain   the   following   print   menu   **3**
          commands of lotus 1-2-3 :
          (i)   Range   (ii)   Page

2. (a) Explain input and output devices in CAD.   6

   (b) Explain drawing primitives. Support your   6
answer with suitable diagram.

3. (a) What is an operating system ? List the   4
names of a few operating systems.

   (b) Differentiate between application software   4
and system software.

   (c) What is the difference between a syntax   4
error and a logical error ?

4. (a) What are the functions of a word   4
processor ?

   (b) Explain in one line the following wordstar   4
opening menu commands :
(i)   L   (ii)   I   (iii)   N   (iv)   J

   (c) In wordstar, how will you find the   4
particular text in a file ?

5. (a) In dBase :   6
(i) What command would you write to
create a program file IGNOU.PRG ?

(ii) What are the different types of fields ?

(iii) What is the command to define a
structure ?

(iv) How will you quit dBase ?

(v) What is dot prompt ?

(vi) What command initiates editing of a
record ?

   (b) Differentiate between indexing and sorting   4
of a database file.

   (c) What is a key in a record ?   2

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6. (a) Explain data related functions in lotus   6
        1-2-3.

    (b) Give detailed account of   6

        (i)   Protecting a cell or a range of cells in
              lotus 1-2-3.

        (ii) Data query operations in lotus 1-2-3.

7. Explain briefly the following AutoCAD   12
    commands :

    (a) GRID

    (b) SNAP

    (c) PEDIT

    (d) PAN

    (e) DIM

    (f) CIRCLE

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