

**B.Tech. Civil (Construction Management)**

**Term-End Examination**

**June, 2019**

00572

**ET-301(B) : COMPUTER APPLICATIONS**

*Time : 3 hours*

*Maximum Marks : 70*

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*Note : Question no. 1 is compulsory. Answer any four more questions from the remaining questions.*

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1. Answer the following questions :

- (a) Describe the different components of a personal computer with the help of a block diagram. 3
- (b) Differentiate between word processing and data processing. 3
- (c) Explain the screen layout of the dBase program. 3
- (d) Briefly explain three types of computer memories. How do you measure the memory capacity? 3

- (e) Explain the following AutoCAD commands : 3
- (i) REDRAW
  - (ii) ORTHO
  - (iii) OOPS
- (f) List out the data query operations that Lotus 1-2-3 performs. 3
- (g) In WordStar, write the commands to do the following functions : 4
- (i) Indent the text
  - (ii) Exit the document
  - (iii) Write a block of text to another file
  - (iv) Italicize selected text
2. (a) Explain layers in AutoCAD. How are they useful ? 6
- (b) What are the different types of dimensioning used in AutoCAD ? Give examples. 6
3. (a) What is an Operating System ? Mention its different modules. 6
- (b) With examples, differentiate between System software and Application software. 6

4. (a) Explain the following dBase commands : 4
- (i) USE
  - (ii) LIST NEXT 5
  - (iii) SET MARGIN TO
  - (iv) APPEND
- (b) What is the difference between sorting a database file and indexing a database file ? What are the advantages and disadvantages in these two methods ? 8
5. (a) What are the components of MS-DOS ? What does MS-DOS.SYS contain ? 4
- (b) In an opening menu of WordStar, what do the shortcuts D, J, E and F mean ? 4
- (c) Write a set of commands to 'rotate' a given drawing 'A' at an angle of 90° and draw its 'image' about X-axis. 4
6. (a) Explain how do you find the total marks and average marks in a class using Lotus 1-2-3. 6
- (b) How is Spell Check used in WordStar ? Explain its role. 6

7. (a) Explain the steps involved in copying a structure ABC.DBF to XYZ.DBF. 6
- (b) Describe Mail Merge operation in WordStar with an example. 6
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