

B.Tech. Civil (Construction Management)

Term-End Examination

00560

December, 2014

ET-301(B) : COMPUTER APPLICATIONS

Time : 3 hours

Maximum Marks : 70

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

1. (a) What are the different types of memories ?
Explain in brief. 4
- (b) What is the difference between internal commands and external commands of MS-DOS ? 4
- (c) Define a database file, record and field. 3
- (d) How is the spell-check carried out in WordStar ? Explain in brief. 3
- (e) What is the basic difference between a line graph and an x - y graph ? 4
- (f) What are the essential components in a CAD system ? 4

2. (a) In WordStar, which command is used to 4
- (i) set the left margin ?
 - (ii) set top margin of five lines ?
 - (iii) hide a block ?
 - (iv) convert all text in a marked block to lower case ?
- (b) What is a MailMerge operation ? What are the files that you have to prepare for a MailMerge operation ? 8
3. (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
4. (a) What is the value that will be returned by LOTUS 1-2-3 if you use the following functions : 4
- (i) @ABS (12.0)
 - (ii) @MOD (775, 100)
 - (iii) @ROUND (1343.45, - 2)
 - (iv) @INT (- 12.2)
- (b) Draw a worksheet of Lotus 1-2-3. Label the sketch. Describe in detail the components of a spreadsheet. 8

5. (a) What are the different ways of dimensioning in AutoCAD ? 6
- (b) Explain the input and output devices in CAD. 6
6. (a) What is an Operating System ? Mention its different modules. 6
- (b) Differentiate between System software and Application software with examples. 6
7. Explain the following AutoCAD commands : 12
- (i) MIRROR
- (ii) ORTHO
- (iii) GRID
- (iv) ARRAY
- (v) CIRCLE
- (vi) PLINE
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