

B.Tech. Civil (Construction Management)

Term-End Examination

June, 2007

ET-301(B) : COMPUTER APPLICATIONS

Time : 3 hours

Maximum Marks : 70

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

1. Write short answers of the following questions : 7×2=14
- (a) What do you understand by hardware and software ?
 - (b) Describe the block diagram of a computer.
 - (c) Differentiate between PROM and EPROM.
 - (d) What does MSDOS.SYS contain ?
 - (e) What is word processing ?
 - (f) What is sorting in database ?
 - (g) What is SNAP command in AutoCAD ? How is it useful ?
2. (a) What do you understand by first, second, third and fourth generations of computers ? 4
- (b) Define the following MS-DOS commands : 4
- (i) FORMAT
 - (ii) DEL
 - (iii) COPY
 - (iv) MKDIR

- (c) What is the function of AUTOEXEC.BAT file ? 3
- (d) Differentiate between application software and system software. 3
- 3.** (a) In WordStar : 8
- (i) What are toggles ? Give two examples.
 - (ii) How will you delete a block ?
 - (iii) How will you print page no. 10 to 15 of a document ?
 - (iv) How will you find the particular text in a file ?
- (b) In Database Management : 6
- (i) What is meant by editing a record ?
 - (ii) What do you understand by the term 'session' ?
 - (iii) Which command displays all fields of record ?
 - (iv) How will you call the dBase commands already executed ?
- 4.** (a) What are the different parts of a dBase command ? Are all of them always needed to specify the command ? 8
- (b) In dBase : 6
- (i) What are the steps in generating a report using REPORT FORM ?
 - (ii) What commands take you to two records before the current record and five records after the current record ?
 - (iii) Write commands for any two Function-Keys.

5. (a) What are the broad categories of facilities that LOTUS 1-2-3 offers ? Explain worksheet, cell and cell address. 6
- (b) Write down the criteria in LOTUS 1-2-3 for the following in the MARK LIST. (Assume suitable cell addresses for data) :
- Name starting with "PA" and getting more than 50% marks in CompApp1 but less than 60% marks in CompApp2. 4
- (c) What is the basic difference between a line graph and X – Y graph ? 4
6. (a) What is DTP ? List the function performed by a word processor. 4
- (b) What is a database ? What functions does a database management system perform ? 4
- (c) What are the advantages and disadvantages of computer-aided drafting ? What are the essential components in a CAD system ? 6
7. (a) In how many ways can you draw a circle using AutoCAD ? What is the difference between line and poly-line ? 6
- (b) What is the difference between FILLET and CHAMFER ? 3
- (c) Explain the various drawing primitives used for making computer aided drawings. 5