

Punjab Technical University
BBA Examination 2006-2007

BBA (Semester - 2nd) DATABASE SYSTEMS 2008

Time : 03 Hours Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is compulsory.**
- 2) Attempt any Nine questions from Section - B.**

Section – A - (15 x 2 = 30)

- a) Describe database in your own words.
- b) What is a key field?
- c) What are the limitations of hierarchical database models?
- d) Define terms :-
 - (i) Degree of a relation (ii) Cardinality of a relation.
- e) Why we sort database? Write a command for sorting data in FOXPRO?
- f) Give two uses of APPEND FROM command.
- g) Write the rules that apply to field names.
- h) How can you limit the number of fields browsed?
- i) What is the purpose of DO.. WHILE?
- j) What is the similarity between INSERT and APPEND?
- k) What do you mean by packing of records?
- l) What is the maximum length of character field type?
- m) How do you create the structure of database?
- n) Give commands for deleting records from a file.
- o) Define terms :
 - (i) RECORD (ii) FIELD

Section – B - (9 x 5 = 45)

- Q2) Discuss the advantages and disadvantages of database management system.
 - Q3) Describe network data model with an example.
 - Q4) Compare relational data model with hierarchical data model.
 - Q5) What are three uses of BROWSE command? Explain with examples.
 - Q6) Describe different types of data fields in FOXPRO.
 - Q7) How is report printed? What is the purpose of CREATE and MODIFY REPORT commands?
 - Q8) What is the purpose of a DO WHILE loop? Draw a diagram of DO WHILE statement with an embedded IF statement.
 - Q9) What is the difference between FIND and SEEK? What must be done to a database before you can use the FIND or SEEK command?
 - Q10) Describe the purpose of PICTURE clause.
 - Q11) What do you mean by indexing of data? What are the advantages of indexing? Differentiate between single and compound indexes.
 - Q12) What are macros? Discuss the advantages of using macros?
 - Q13) Write six forms for the DISPLAY command and explain each.
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