

**Bachelor of Computer Applications
Annual Examinations – 2006**

**Paper BCAD – 204
Business System**

Time allowed: Three hours

Maximum Marks: 100

SECTION – I

Marks

Q1. Attempt all the questions given below:

1X20=20

- (a) Two types of system are _____ and _____.
- (b) Define derived data.
- (c) Keyboard is an _____ device.(input/output)
- (d) 8 Bytes = _____ bits.
- (e) _____ are the end result of data processing for printing types of information.
- (f) Decision box in a flowchart is represented by _____.
- (g) 2 types of flowcharts are _____ and _____.
- (h) The 2 types of design techniques are top down and _____.
- (i) Pseudo code is more cumbersome to write than a flow chart.(True/False)
- (j) Any two software aids are _____ and _____.
- (k) Retention date , _____ and _____ are some security measures for protecting files and data
- (l) Unit testing checks for two types of errors _____ and _____.
- (m) Full form of RDBMS is _____.
- (n) Command for creating a database file in FOXPRO is _____.
- (o) Command for moving the record pointer to 52nd record would be _____.
- (p) Options to sort in ascending order is _____.
- (q) Two types of index files are _____ index file and compound index file.
- (r) Write one advantage of indexing over sorting.
- (s) The FIND and _____ command can be used to locate a record based on its index key value.
- (t) SET FILTER hides records that do not a meet the condition specified.(True/False)

SECTION – II

Note: Attempt any 6 questions.

5X6=30

Q1. What are the classical management functions and what does each function involve?

Q2. What are the different classifications of files? Explain in brief.

Q3. What are the different modes of data processing? Discuss.

- Q4. What is a flowchart? What are the advantages and disadvantages of flowcharts?
- Q5. Discuss about structured programming and its examples.
- Q6. What is Distributed Data Processing? What are the types of Distributed Systems?
- Q7. What are the different types of relations among fields in data base? Give an example of each.
- Q8. What data types will be most appropriate to store the following?
 (a) Part number (b) Martial Status (c) Employee's remarks
 (d) Quantity sold (e) Date of joining.

SECTION -III

Note: Attempt any 5 questions.

10X5=50

- Q1. Explain in detail the basic tasks in Business Data Processing.
- Q2. (a) Explain any two input devices in brief. (5)
 (b) What do you mean by soft copy and hard copy output devices? Explain any one out put device. (5)
- Q3. Explain the different file organization techniques. Also discuss the advantages and disadvantages of each
- Q4. Draw a flow chart for the following:
 (a) Compute sum of first n terms in sequence 1+3+5+7+..... (5)
 (b) Print the first n Fibonacci numbers. (5)
- Q5. (a) What is coupling? What are the different types of coupling? (5)
 (b) What is cohesion? What are the different forms of cohesion? (5)
- Q6. What are the various steps in the program development cycle? Explain each step.
- Q7. What are the main interfaces provided by FOXPRO?
- Q8. Explain the following FOXPRO commands.
 (a) DELETE (b) PACK
 (c) BROWSE (d) REPLACE