

OCTOBER 2012

**P/ID 17474/RCY/  
PCAX**

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Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) Explain the advantages of database management system approach.  
Or  
(b) Write a short note on data types.
2. (a) Write about the various types of computations.  
Or  
(b) Give a note on sub queries and sets of data.
3. (a) What are the elements of human factors design?  
Or  
(b) Explain the various types of report designs.
4. (a) Write about the primary functions of applications.  
Or  
(b) Describe storing data columns.

5. (a) What is data administration? Write a note.

Or

- (b) List out the advantages and applications of distributed databases.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Explain the components of a database management system.
7. Illustrate third normal form.
8. Describe:
- (a) Outer joins
  - (b) Union, Intersect and Except.
9. How will you create forms? Explain with examples.
10. Explain error handling.
11. Discuss on the features of user interface.
12. Summarise various data storage methods.
13. Explain the following:
- (a) Database application types.
  - (b) Object oriented databases.