

B.Com. (Vocational) III - Semester (CBCS) Degree Examination,
Nov./Dec. - 2018

COMMERCE
COMPUTER SCIENCE
Data Base Management System
Paper - 3.5

Time : 3 Hours

Maximum Marks : 70

Section - A

- a. Answer any **Five** questions.
- b. Each question carries **Two** marks. (5×2=10)
1. a) Expand DBMS.
b) What is attribute?
c) Name the types of DBMS.
d) Define relation.
e) What is primary key?
f) Expand SQL.
g) Name the types of Backup.

Section - B

- a. Answer any **four** questions. (4×5=20)
- b. Each question carries **five** marks.
2. Write the advantages of DBMS.
3. Explain Logical database model.



(2)

4. Write a note on data dictionary.
5. Explain BCNF in brief.
6. Write the importance of backups.
7. Name the different recovery techniques.

Section - C

- a. Answer any **Four** questions.
 - b. Each question carries **Ten** marks. (4×10=40)
 8. Explain the components of DBMS.
 9. What is DBA? Write the responsibilities of DBA.
 10. Explain E-R Diagram Notations with example.
 11. Explain Second and Third Normal Forms.
 12. Explain any five built - in functions of SQL.
 13. Explain the causes of Database Failure.
-