

**B.SC. (A & G) SEM. – III (OLD COURSE)(ANIMATION &
GAMING) : WINTER - 2017**
SUBJECT : DATABASE MANAGEMENT SYSTEMS

Day : **Saturday**
Date : **16/12/2017**

W-2017-0902

Time : **10.00 am to 12.00 Noon**
Max. Marks : 40

N. B. :

- 1) Attempt **ANY FIVE** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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- Q. 1** Explain the following: **(08)**
- i) Weak entity
 - ii) DDL
 - iii) RDBMS
 - iv) DML
- Q. 2** What are the steps involved in processing a query? Explain. **(08)**
- Q. 3** Draw an E-R diagram for Library management systems by selecting suitable entity types, attributes and their relationship. **(08)**
- Q. 4** Differentiate 'file based system' from 'DBMS'. Justify with example. **(08)**
- Q. 5** Discuss the advantages and disadvantages of hierarchical database. **(08)**
- Q. 6** Explain the relative advantages of centralized and distributed database. **(08)**
- Q. 7** Draw schematic diagram of a database and explain different views. **(08)**

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