

**M.B.A. (IT) SEM- III (2012 COURSE)(CHOICE BASED
CREDIT SYSTEM) : WINTER - 2017
SUBJECT: ELECTIVE – II : DATABASE MANAGEMENT – II (ITM)**

Day: **Monday**
Date: **18/12/2017**

Time: **10.00 AM TO 01.00 PM**
Max Marks. 100

W-2017-1849

N.B.

- 1) Attempt any **FOUR** questions from Section – I & any **TWO** questions from Section – II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SEPARATE** answer books.
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SECTION - I

- Q.1** Explain data modeling with their types in detail. (15)
- Q.2** What is transaction? Give their properties. (15)
- Q.3** What do you mean by Access Protection? How user accounts are created? (15)
- Q.4** Explain Transaction Management in detail. (15)
- Q.5** Write short notes on any **THREE** of the following (15)
- a) Object views
 - b) Aggregate Function
 - c) Deadlock and starvation
 - d) Database Audits

SECTION - II

- Q.6** Prepare an E – R diagram for Hospital Management. Also take appropriate attributes to define the entities. Convert the E – R diagram to tables. Apply appropriate constraints. (20)
- Q.7** Explain Trigger? Discuss various types of trigger in details. (20)
- Q.8** Explain the following with example (20)
- a) Indexes
 - b) Locking
 - c) Check points

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