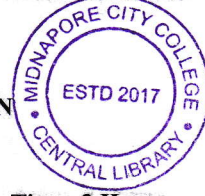


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M.H.A. Semester-III Examination, 2022
MASTER IN HOSPITAL ADMINISTRATION
PAPER: MHA 302
(HOSPITAL INFORMATION SYSTEM)



Full Marks: 40

Time: 2 Hours

GROUP-A

Answer any FOUR of the following questions: 4×2=8

1. Define BPO.
2. What are the characteristics of decision support system?
3. What is Data Mining?
4. What do you mean by Data warehouse?
5. What is the difference between DELETE and DROP commands in SQL?
6. Write short note about KPO.
7. What is under vital statistics?
8. What is hospital information system?

GROUP-B

Answer any FOUR of the following questions: 4×4=16

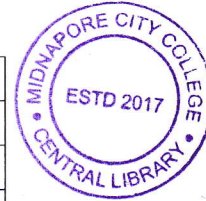
1. Write down the Advantages of DBMS.
2. What are the applications of Decision support System?
3. What is DSS? Discuss the various components of DSS. 1+3
4. Describe the security of information system.
5. Write a short note on Online Analytical Process (OLAP).
6. What are the objectives of health information system?
7. Discuss the role of hospital informatics in hospital management.
8. Define HMIS. Write down the sources of HMIS. 1+3

(P.T.O.)

GROUP-C**Answer any TWO of the following questions:****2×8=16**

1. What is an attribute? Discuss various types of attributes with example using ER-Model. 2+6
2. What is OLAP? What is OLAP cube? Describe various multi-dimensional modelling. 2+2+4
3. In the below table (Table Name-emp)

E_id	E_Name	Dept	Salary
MHA-101	Amit	HR	10,000
MHA-102	Nitin	MRD	20,000
MHA-103	Ravi	IT	50,000
MHA-104	Varun	HR	25,000
MHA-105	Sanju	IT	30,000
MHA-106	Jhon	IPD	40,000



- I. Write a SQL Query to display employee name who is taking maximum salary.
- II. Write a SQL Query to display all the department names along with number of employees working in that? 4+4
4. Discuss the different types of hospital information system in any hospital. Discuss the limitation of hospital information system. 4+4
