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MASTER OF BUSINESS ADMINISTRATION (M.B.A.)

EXAMINATION: MAY - 2026

SEMESTER - III

Sub.: Management Information System (MBA302)

Date : 29/05/2026

Total Marks : 60

Time: 10.00am to 12.30pm

- Instructions:** 1) All questions are compulsory.
 2) Figures to the right indicate full marks.

Q. 1. Write Short notes on (Any Three) (15)

1. Steps of prototyping.
2. Need for MIS.
3. First generation computers.
4. Role of MIS in operational management.
5. Super computers.

Q. 2. Answer in detail (Any One) (10)

1. What is the process of systems design?
2. Explain the types of organization.

Q. 3. Answer in detail (Any One) (10)

1. What do you mean by review and evaluation of MIS implementation?
2. Explain three stage model proposed by Lewin K. for implementation of anything new in an organization.

Q. 4. Answer in detail (Any One) (10)

1. What are the objectives of DBMS?
2. Describe the components of DSS.

Q. 5. Case study (15)

Hospitals are another important constituent of the service sector. hospitals are healthcare providers and today have outgrown the traditional sterile image they once had. today, hospitals are run on the lines of business organizations and have a clearly stated mission of providing healthcare to people. hospitals no longer have 'patients', but 'customers'. customers are a wider definition and include referring doctors, specialists, medical consultants and paramedical personnel. in order to best serve their 'customers', hospitals need to track information about the following: patient database-this database is important to be enable the hospital to service queries about past patients, healthcare provided, etc. to patients, their relatives and to doctors. medical server database-this database contains records of medical service providers including regular staff, specialists, consulting physicians, etc. it also contains data on institutions allied to the medical sector such as bipod banks, ambulance services, laboratories, etc. that can be called upon in regular course or in emergencies. resource planning and control-this is an online query service that would provide information on the level and availability of resources at different times and the customer scheduling capability of the hospital. Such a system would also provide information on the utilization of services and the spare capacity that can be made

available to other healthcare providers. Medical case history database-such a database would be very helpful to medical researchers, students, consultants and specialists who need to access various case histories. Many a time, the case history of patients may help to judge the efficiency of certain drugs and the likely reaction of patients with similar case histories to certain forms of treatment. in addition to the above, the hospital would need other MIS subsystems such as back office operations, manpower planning, payroll, billing and recovery, inventory control etc.

Questions:

1. What is medical case history database?
 2. Explain the term medical server database.
 3. What do you mean by resource planning and control?
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