B. E. Eighth Semester (Mechanical Engineering) (C.B.S.)
Elective - II : Management Information Systems

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Notes : 1. All questions carry marks as indicated.
2. Solve Question 1 OR Questions No. 2.
3. Solve Question 3 OR Questions No. 4.
4. Solve Question 5 OR Questions No. 6.
5. Solve Question 7 OR Questions No. 8.
6. Solve Question 9 OR Questions No. 10.
7. Solve Question 11 OR Questions No. 12.
8. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) What is MIS? Explain in detail physical components of it. **7**

b) Discuss the relation of time, value and age of information. **6**

OR

2. a) Explain the concept of life cycle design in brief. **7**

b) Explain nature and scope of information system in brief. **6**

3. a) Discuss in brief concept of cost benefit analysis where it is used? **7**

b) What is feasibility study? Explain the various considerations used in feasibility study. **6**

OR

4. a) What is structured analysis? Discuss in brief. **7**

b) Discuss in brief the role of system planning in system analysis. **6**

5. a) What is system design? Discuss in brief the various stages involved in it. **7**

b) Explain various input media and devices used in MIS. **7**

OR

6. a) What is database design? Explain with suitable examples. **7**

b) Discuss the various design documentation of system design. **7**

7. a) What is system? Identify and describe various types of system testing. **7**

b) How is the system evaluation carried out ? Explain. **6**

OR

8.	a)	What are the implementation methods that are used to replace existing system with new system.	7
	b)	What is system maintenance? Explain in detail.	6
9.	a)	Explain deterministics DSS.	7
	b)	Explain the concept of data warehousing.	6

OR

10.	a)	Discuss in short Business Intelligence System.	7
	b)	Explain Artificial Intelligence in brief.	6
11.	a)	What are the various tools and packages in MIS? Explain.	7
	b)	Explain the supply chain management.	7

OR

12.	a)	Explain in brief CRM also state its applications.	7
	b)	Discuss in brief ERP architecture.	7

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