

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

P. Pages : 2

Time : Three Hours



KNT/KW/16/7585

Max. Marks :80

- 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.

1. a) State and explain various physical component of information system. 7
b) What is concept of data and information? And explain types of information. 6

OR

2. a) State the concept of system life cycle design. Explain with example. 7
b) Explain the character functions and its applications in information system. 6
3. a) What is structured analysis? Explain. 7
b) What is feasibility study? Explain consideration in feasibility study. 6

OR

4. a) State the procedure for cost-benefit analysis. 6
b) What is data flow diagram? Explain the construction of data flow diagram. 7
5. a) What is form design? Explain. 7
b) What is database design? Explain with its objective. 7

OR

6. a) Explain the various database model. 7
b) What are various input media and devices? 7
7. a) Specify the purpose of system testing?
What performance criteria used for system testing? Discuss. 7
b) How is the system evaluation carried out? Explain. 6

OR

8. a) What is post implementation? Give an review plan for it. 7
b) Explain system maintenance. 6
9. a) Explain deterministic DSS. 6
b) Explain expert system. Give short explanation on its component. 7

OR

10. a) Explain Artificial intelligence in brief. 7
b) Explain the concept of data warehousing. 6
11. a) What is CRM? Explain in brief. 8
b) Explain ERP architecture. 6

OR

12. a) Explain goals of supply chain management. 8
b) Write down differentiation between ERP and SCM. 6
