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Total Number of Pages : 01

B.Tech.
PETX5412

8th Semester Regular / Back Examination 2017-18
MANAGEMENT INFORMATION SYSTEM
BRANCH : CIVIL, MANUFAC, MANUTECH, MECH, PE
Time : 3 Hours
Max Marks : 70
Q.CODE : C249

Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.
Answer all parts of a question at a place.

- Q1. Answer the following questions: (2 x 10)**
- What are the limitations of MIS?
 - Define the different types of information in MIS.
 - What is the difference between system analysis and system design?
 - What are the significant advantages of data flow diagrams?
 - Define a prototype of the system. How this approach is beneficial for system development.
 - Explain the different risks involved in decision making process.
 - What are the difference between DSS and MIS?
 - Write the comparison between physical and logical DFD.
 - Write down the scope and significance of Business Intelligence in Manufacturing.
 - What is Nassi-Schneiderman chart for data flow in an organization?
- Q2. a) What are the characteristics of MIS and how the information system works for business models? (5)**
- b) What is Quality of information in MIS? Describe the different attributes of information quality. (5)**
- Q3. a) What is a Data dictionary in the context of MIS? Explain with example for an organizational structure. (5)**
- b) Compare and Contrast between Cohesion and Coupling for System design approach. What measures of cohesion and coupling are essential for efficient system design in MIS? (5)**
- Q4. a) What is the role of Database in MIS? Discuss its significance in brief. (5)**
- b) Discuss the SWOT analysis and its importance in MIS. (5)**
- Q5. a) Explain the concept of Data mining and Data warehousing for Business Intelligence (BI). (5)**
- b) Define Information security in MIS. Explain how the information recovery measures are implemented in MIS. (5)**
- Q6. a) What do you mean by Structured analysis? Explain the use of Structure charts in system analysis and design. (5)**
- b) What are the different types of information used in MIS? Explain the different attributes for qualitative information in MIS. (5)**
- Q7. With suitable diagram, explain the effective decision making process through DSS. What are the different components of DSS along with different types of DSS in organizational decision making? (10)**
- Q8. Write short notes on any TWO : (5 x 2)**
- Data models and its types in MIS
 - Requirements Engineering
 - Decision Tree
 - Business Intelligence in MIS