BTS 184 (A)

# B.Tech Degree VI Semester (Supplementary) Examination in Information Technology December 2002

## IT 602 MANAGEMENT INFORMATION AND DECISION SUPPORT SYSTEMS
### (1995 & 98 Admissions)

Time: 3 Hours                                                                                      Max. Marks: 100

I.      Explain the structure of an information system in terms of organizational functions.    (20)

**OR**

II.      Bring out the role and significance of operational information and management information in Anthony's model.    (20)

III.      Give a brief description on general structure and classification of systems.    (20)

**OR**

IV.    (a)    Write short notes on :
          (i)     closed and open system.
          (ii)   decoupling and decomposition.    (10)
    (b)    Explain the system approach for problem solving.    (10)

V.      How do you classify decision making process ? Explain the decision assisting information systems for all above classes of decision making.    (20)

**OR**

VI.    (a)    Give an explanation on different types of information systems.    (15)
    (b)    How can you use information concepts to information system design ?    (5)

VII.      Illustrate the transaction processing cycle.    (20)

**OR**

VIII.    (a)    Explain the pattern of DSS usage from decision maker's view point.    (10)
    (b)    Distinguish between structured and unstructured decision systems. Give examples.    (10)

IX.    (a)    What are the common issues in developing an information system ? Explain.    (10)
    (b)    Discuss on the post audit evaluation of Information systems.    (10)

**OR**

X.      What are the approaches to developement of DSS ? Explain.    (20)

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