Duration : 1 Hr 30 mins.   Max. Marks : 40

Instructions :
1. All questions are compulsory
2. Figures to the right indicate marks

Q1. (A) Explain the use of master and transaction files in data processing.   (4)
    (B) Explain the various stages of data processing.   (6)

OR

Q1. (X) Explain the features of a Business Intelligence system.   (4)
    (Y) Explain the data storage hierarchy.   (6)

Q2. (A) Explain the conventional file processing approach used by organizations.   (4)
    (B) Explain the basic security standards required to secure databases.   (6)

OR

Q2. (X) Write a note on data validation.   (4)
    (Y) Explain the concept of data integrity with an example.   (6)

Q3. (A) Write a note on XML attributes.   (4)
    (B) Explain the use of XML elements and entity references.   (6)

OR

Q3. (X) Explain the rules to be followed while naming XML elements.   (4)
    (Y) What are the syntax rules to be followed in XML? Explain with examples   (6)

Q4. (A) Why is it important to have integrated management information?   (4)
    (B) Explain the tangible benefits of ERP systems   (6)

OR

Q4. (X) What is ERP? Explain its features   (4)
    (Y) Discuss the functions of any 2 modules of an ERP system.   (6)