

Duration: 1 1/2 hrs

Total Marks: 40

INSTRUCTIONS:

- 1) All Questions are compulsory. Internal Choices are given.
- 3) Figures to the right indicate maximum marks to the respected questions.

Q1] ANSWER any two FROM THE FOLLOWING :- (2x5 marks)

- 1) Explain (A) steps involved in data processing. (B) file management concepts.
- 2) Explain the term data forecasting and use of forecasting formula in excel.
- 3) Explain meaning of the term data processing. Also explain **any four** advantages of computerised data processing.

Q2] ANSWER THE FOLLOWING:-

- 1) Explain use of integration and mobility of data in computerised data processing. (2 marks)
- 2) (a) Explain with ER diagram relationship between employee, department, project and dependent w.r.t. to COMPANY database. (5 marks)

OR

- 2) (b) Explain with ER diagram relationship between doctor, patient and medical repository.
- 3) (a) Write a note on data analysis w.r.t. forms, reports, queries. (3 marks)

OR

- 3) (b) Explain various advantages and disadvantages of the Network Data Model.

Q3] ANSWER THE FOLLOWING:-

- 1) (a) Explain concept of file backups and restoring in databases. (4 marks)

OR

- 1) (b) Explain the following term and its use in ER diagram: i) attributes ii) relationship

- 2) (a) Differentiate between XML and HTML. (6 marks)

OR

- 2) (b) What is XML? Explain advantages of using XML data format.

Q4] ANSWER THE FOLLOWING:-

- 1) Explain entity reference in XML. (2 marks)
- 2) (a) Briefly explain ERP and the e-commerce. (4 marks)

OR

- 2) (b) Explain (**any four**) advantages of ERP.

- 3) (a) Explain business modules in ERP w.r.t. sales and distribution and human resource. (4 marks)

OR

- 3) (b) Briefly explain ERP and reasons for its growth.

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