

Module 1: Data and Information

- 1.1 Distinguish between data and information. Give two examples of data and information obtained by processing data.
- 1.2 Give two examples of non-arithmetic data processing.
- 1.3 What is the main difference between strategic and tactical information? If an information system is to be designed for a hospital, what would be the strategic and tactical information?
- 1.4 What is operational information? In what way is it different from strategic information? For hospital information system what would be the operational information required?
- 1.5 What is statutory information? What statutory information is expected from a hospital?
- 1.6 What type of statutory information is to be provided by a small scale industry?
- 1.7 What would you think are the strategic, tactical and operational information needed by an Electric Power Generation Corporation?
- 1.8 What would be the strategic, tactical and operational information needs of a State Road Transport Corporation?
- 1.9 What do you think are the functional management areas in a large University?
- 1.10 What do you think are the functional management areas in a large student hostel?
- 1.11 What would be the strategic, tactical and operational management responsibility assignments in a large hostel? What type of information would be needed for managing the kitchen of the hostel?
- 1.12 Give an example of incomplete information.
- 1.13 What is the difference between accuracy and trustworthiness of information?

- 1.14 Is upto-date information always timely? If not, give an example of upto-date but not timely information.
- 1.15 Does an attractive format of a report necessarily imply that it is relevant?
- 1.16 Why are organizations divided into departments and sections?
- 1.17 What are the primary functions of a marketing department of an organization?
- 1.18 In what ways do different departments in an organization interact? Give an example.
- 1.19 Enumerate some functions which are common among many organizations.
- 1.20 Enumerate some functions which are common between a hostel and a hospital.
- 1.21 Explain how data will be processed to meet the functional requirements of a purchase department.
- 1.22 Explain how data will be processed in a bank when a cheque is presented by a customer and payment made to him (assume that the bank uses computers).
- 1.23 Why is editing important in data entry?
- 1.24 What is the difference between on-line transaction processing and batch processing?
- 1.25 When is batch processing preferred?
- 1.26 What is the basic difference between business data processing systems and MIS?
- 1.27 What type of information is provided by MIS?
- 1.28 What is the difference between MIS and DSS?
- 1.29 What will an MIS provide in a marketing function?
- 1.30 What will a DSS provide in a marketing function?
- 1.31 What do you understand by archival data? How can archival data be used?
- 1.32 What is data mining? Give an example of data mining.

