

DATA AND INFORMATION

1. (a) Define the following terms

(i) Data

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(ii) Information

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2. (a) Define the term information processing cycle.

(b) With an illustration, explain the stages that are involved in the transformation of data into information.

3. Write short notes about the following information processing systems.

(a) Batch processing system

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(b) Real time processing system

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(c) Interactive processing systems

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(d) Multi-tasking system

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(e) Multi-user system

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(f) Time sharing system

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4. Give three advantages and disadvantages of manual systems.

Advantages

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Disadvantages

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5. (i) How is data verification different from data validation?

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(ii) Name one data validation technique

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6. Give any five advantages and disadvantages of using computerized systems for information processing over manual systems.

Advantages

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Disadvantages

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7. Mr. Kabunga a managing director at Cooper Investments is planning to computerize all the activities in his company. What factors should he consider before computerization?

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