

5

Time: 2 Hours

Marks: 60

**NB: 1. Attempt any four questions.
2. All Questions carry equal marks.**

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1. Give an overview of historical developments of computers through different generations. [15]
2. Define the operating system and enumerate the features of any one operating system. [15]
3. Explain the concept of DBMS & add note on WINISIS. [15]
4. Describe the different cable transmission media, with the help of suitable diagrams. [15]
5. What is networking and discuss the different types from geographical point of view. [15]

6. Write short notes. (Any Three) [15]
 - a) Barcodes
 - b) Topology
 - c) Internet, Intranet, Extranet
 - d) e-ShodhSindhu
 - e) Communication ports