

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF BUSINESS ADMINISTRATION (M.B.A.)
EXAMINATION: MAY - 2025
SEMESTER - I

Sub.: Basics of Computer & Information Technology (MBA106)

Date: 30/05/2025

Total Marks : 60

Time: 2.00pm to 4.30pm

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

- Q. 1. Write Short notes on (Any Three) (15)**
1. Anti-virus software.
 2. Types of booting process.
 3. Media and Entertainment Software.
 4. Magnetic Ink Character Recognition (MICR).
 5. Polymorphic Virus.
- Q. 2. Answer in detail (Any One) (10)**
1. Explain the functions of operating systems.
 2. Write a note on Files.
- Q. 3. Answer in detail (Any One) (10)**
1. Describe star topology.
 2. Write a note on mobile operating systems.
- Q. 4. Answer in detail (Any One) (10)**
1. What is connection oriented service?
 2. Explain characteristics of TCP / IP.
- Q. 5. Case study (15)**
- Electronic Mail or E-mail is used for online communication. The e-mail system normally consists of two subsystems: User Agents: They allow the users to send or read emails. They are local programs that provide a command-based, memory-based or graphical method of interacting with the email system. Message Transfer Agents: They move the message from the source to the destination. These agents are typically system daemons that run in the background and move email through the system. A typical email address looks like: awswe23.fhfh@gmail.com An email system supports the following functions: Composition: It refers to the process of creating messages and answers. Transfer: It refers to moving messages from the originator to the recipient. Reporting: It tells the originator what happened to the message, whether it was delivered or rejected or lost. Displaying: It refers to displaying the incoming message so that the recipient can read it. Disposition: It concerns with what the recipient does with the message after receiving it. Various possibilities are discarding the message before or after reading it, saving it, forwarding it to others, processing it, etc. There are some common e-mail protocols which are as follows: SMTP: The Simple Mail Transfer Protocol is used by the mail transfer agents to deliver the email to the mail server of the recipient. POP: The Post Office Protocol is used for reading the received mails from the mail server. It downloads all the emails to the local computer of the recipient. POP3 is the most recent version. IMAP: The Internet Message Access Protocol is used to read received mails from the mail server. It initially shows only a list of received messages and downloads only those messages which the recipient wishes to view. Hence it is faster than POP. MIME: The Multipurpose Internet Mail Extension is used to define extension to SMTP to support the sending of attachment files with the email.
- Questions:**
1. Explain the functions of an email system.
 2. Describe the term 'user agents'.
 3. What is MIME?