

Board of Departmental Examination, Himachal Pradesh

Session: May-, 2021

Paper#1

Information Technology

(Treasury Officers)

Part-A (Theory)

Time Allowed: 2 Hour

Max Marks: 60

Note:- No reference books are allowed. (Information Technology Act allowed)

- Attempt any six questions.

-
- I a. Explain the concept of LAN, WAN and MAN. 5
b. What are different Network Topologies? Explain. 5
- II a. Draw block diagram of Computer. Explain the function of each block. 5
b. Explain various types of drives. 5
- III a. What is computer virus? How will you protect your computer from virus attack? 5
b. What is the difference between Primary and Secondary memory? 5
- IV a. Define Database. What are its advantages. 5
b. Explain various generations of computer. 5
- V Differentiate between any four of following: 10
a. Save and Save as b. System Software & Application Software
c. Webpage & Website d. Freeware and Shareware
- VI Explain following terms (any five): 10
a) Search engine b) Spam E-Mail
c) Digital Signature d) Firewall
e) TCP/IP f) Section 35 of Information Technology Act
- VII a. Fill in the blanks (any five): 5
i) _____ is the smallest unit of data used by the computer.
ii) Base of Octal Number System is _____.
iii) _____ is called the brain of computer.
iv) Monitor, printer, Speaker are _____ devices.
v) A byte consists of _____ bits.
- b. Expand any five of the following: 5
i) HTTP ii) FTP
iii) VDU iv) NIC
v) BIOS vi) CD