

Board of Departmental Examination, Himachal Pradesh

Session: December, 2018

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.

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|-----|------|---|----|
| I | a. | Explain basic characteristics of computer. | 5 |
| | b. | Describe various generation of computer system. | 5 |
| II | a. | Define computer networks. Discuss various types of networks topologies in computer network. | 5 |
| | b. | What is TCP/IP Model? | 5 |
| III | a. | Explain the main purpose of an operating system. | 5 |
| | b. | What is the difference between system software and application software. | 5 |
| IV | a. | Explain the various keys in DBMS. | 5 |
| | b. | What are the benefits of upgrading computers memory. | 5 |
| V | | Differentiate between any four of following: | 10 |
| | a. | RAM and ROM | |
| | b. | Hardware and Software | |
| | c. | Mobile apps and Web apps | |
| | d. | Octal and Binary Number System | |
| | e. | Internet and intranet | |
| VI | | Write short note on any four of following: | 10 |
| | a) | Routers | |
| | b) | Web Page | |
| | c) | Cookies | |
| | d) | Bandwidth | |
| | e) | Section 35 of Information Technology Act | |
| VII | a. | Answer any five of following: | 5 |
| | a) | What Is the Difference Between Save and Save As? | |
| | b) | What Is Icon? | |
| | c) | Write the name of different computer storage device. | |
| | d) | What is the Recycle bin? What are the uses of Recycle Bin. | |
| | e) | What is the meaning of 'CC' in case of E-mail. | |
| | f) | What are folders in Microsoft Windows. | |
| | b. | Expand any five of the following : | 5 |
| | i) | VGA | |
| | ii) | MICR | |
| | iii) | ALU | |
| | iv) | ASCII | |
| | v) | EEPROM | |
| | vi) | DOS | |