

Board of Departmental Examination, Himachal Pradesh
Session: September 2020

Paper # 14

Computer
Part-A (Written)

(HAS)

Time Allowed: 1 Hour 30 Minutes

Max Marks: 50

Note: -IT Policy of State Government may be referred.
-Attempt any Five questions.

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- I. a. Draw a block diagram of the Computer and list 4 input and 4 output devices. 5
b. List differences between present day computers and earlier generations of computers? 5
- II. a. What is Local Area Network? Which equipment are needed for LAN setup? 5
b. How can you connect your office computers to Internet? Explain different options available. 5
- III. What is the concept of Work from Home? How can it be facilitated in Government offices. Explain with examples of ICT tools required for it. 10
- IV. A. Expand any 5 Abbreviations: 5
a. VRAM d. HDD
b. BIOS e. UX
c. WYSIWYG f. HTML
- B. Fill in any 5 of the following blanks: 5
i. _____ is the information highway.
ii. _____ is character encoding standard.
iii. _____ software helps in data management.
iv. _____ is the science that attempts to create machines that will emulate the human thought process.
v. _____ shopping involves E-Commerce.
vi. A byte consists of _____ bits.
- V. Write short notes on any four of the following: 10
a. Arogya Setu Mobile App d. Privacy Policy
b. M-Governance e. Main Memory
c. Responsive Website f. Captcha
- VI. What is Data base Management System? Describe data hierarchy with reference to tables, columns, rows, primary and secondary keys with examples. 10
- VII. A. What is the concept of eDistrict? Which services are available under it? 5
B. Explain the guidelines of HP Government for procurement of IT equipment in Government offices. 5
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