

Board of Departmental Examination, Himachal Pradesh  
February 2006

Paper # 14: COMPUTER (HAS)

Part-A (Theory)

Time Allowed: 1 Hour 30 Minutes

Marks: 50

Note: Attempt any five question.

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- I. List the essential components of a computer along with their functions. What are Input/ output devices? Give examples of I/O devices? 10
- II. Write full form of any 10 of the following abbreviations:
- |          |          |
|----------|----------|
| a. TFT   | g. SLIP  |
| b. SAN   | h. UPS   |
| c. ISP   | i. EPROM |
| d. URL   | j. SIM   |
| e. Mbps  | k. HTML  |
| f. BASIC | l. GPRS  |
- 10
- III. What is the difference between Microsoft Excel and Microsoft Access software? Which application under MS- office software is used for routine calculation jobs? What are workbook and worksheet? 10
- IV. Write short notes on:
- Modes of data transmission
  - Distributed data processing
  - Bandwidth of data transmission channels
  - WAN
  - Network protocols
- 10
- V. Answer any three of the following:
- List five generalized software in use in different HP Government departments.
  - What are the major challenges in introducing IT in Government departments? Suggest ways to motivate Government employees in adopting IT tools.
  - What is the procedure for procurement of IT infrastructure (HW & SW) by HP Government departments?

- d. How can IT help in the implementation of the Right to Information Act? What are the major advantages of using IT over traditional means of manual record keeping?

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VI Describe the following in two to four sentences each:

- a. Anti Virus Software and Anti Spy- ware Software
- b. Home page of the Website and dynamic web- pages
- c. USB Flash memory Drive (Pen Drive)
- d. Internet telephony
- e. Blue- tooth versus Infrared

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