Board of Departmental Examination, Himachal Pradesh

Session: April, 2014

Paper # 1   **Information Technology**   (for Treasury Officers)

Part-A (Theory)

Time Allowed: 2 Hours   Max Marks: 60

Note: -No reference books are allowed (Information Technology Act allowed).
- Attempt any six questions.

I.   a. What is DBMS? Explain its features.   5
      b. What is storage media? Write the names of a few commonly used storage
        media.   5

II.   a. What are the advantages of e-banking?   5
      b. What is computer architecture?   5

III.   What is network topology? Define and explain various types of topologies.   10

IV.   a. What is file compression? What are the benefits of file compression?   5
      b. What are Web sites & URL(s)?   5

V.   Differentiate between any three of following: 10
      a. Internet and intranet   b. Operating system and Application software
      c. Hardware and Software   d. RAM and ROM

VI.   Write short note on any four of the following: 10
      a. Search engine   b. CPU
      c. Web Browsers   d. Section 35 of Information Technology Act
      e. Fourth generation of computers

VII.   a. Fill in the blanks (any five).   10
       i. The binary language consists of two digits: _____ and _____.
       ii. _____ are computers that support hundreds or thousands of users
         simultaneously.
       iii. _____ is the set of computer instructions or programs that enables the
         hardware to perform different tasks.
       iv. _____software helps you carry out tasks, such as typing a document or
         creating a spreadsheet.
       v. UNIVAC is an example of _____ generation computer

       vi. Keyboard is an _____ device.

      b. Expand any five of following:

        i) USB   ii) DVD   iii) HTTP

        iv) MAN   v) BIOS   vi) HTML