







Federal Board HSSC-I Examination  
Computer Science Model Question Paper

Time allowed: 2.40 hours

Total Marks: 60

Note: Sections 'B' 'C' and 'D' comprise pages 1-2 and questions therein are to be answered on the separately provided answer book. Use supplementary answer sheet i.e., sheet B if required. Write your answers neatly and legibly.

**SECTION – B (Marks 21)**

**Note: Section-B consists of following topics of the syllabus:**

- |                                 |                                      |
|---------------------------------|--------------------------------------|
| a. Basic Concepts of IT         | d. Information networks              |
| b. Data communication           | e. Applications and use of computers |
| c. Hardware and system software |                                      |

- Q.2 Attempt any **SEVEN** parts from the following. All parts carry equal marks. (7 × 3 = 21)
- Differentiate between system software and application software by giving examples.
  - Write down the purpose of Plotter. Also define its two types.
  - Draw and label block diagram of computer system.
  - Briefly define any three layers of OSI Model.
  - Define three data communication modes.
  - Write down three types of data communication speed.
  - How computer can be useful in Medical field by giving example?
  - Define three types of ROM.
  - Write down the function of following:
    - Program counter register
    - Instruction register
    - Accumulator register
  - What is VIRUS? How can it damage computer?

**SECTION – C (Marks 21)**

**Note: Section-C consists of following topics of the syllabus:**

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|---|---|
| a. Security, copyright and the law      | d. Spreadsheet (Using MS-Excel 2000)      |
| b. Operating systems (Windows)          | e. Internet, Internet browsing and e-mail |
| c. Word processing (using MS-Word 2000) |   |

- Q.3 Attempt any **SEVEN** parts from the following. All parts carry equal marks. (7 × 3 = 21)
- Write down any three ways to spread virus.
  - Write down steps to restore data from the Recycle Bin?
  - Give three benefits of GUI Operating System over command Line Operating System.
  - Write down the purpose of the following:
    - Word Wrap
    - Thesaurus
    - Undo

- v. Differentiate between copy and move the text in MS-Word.
- vi. What is the use of chart in MS-Excel? List any two types of charts.
- vii. Write down step to send an MS-Word document through E-mail.
- viii. What is web surfing? Write down name of any four search engines.
- ix. Define website and web browser.
- x. Differentiate between LAN and WAN.

**SECTION – D** (Marks 18)

**Note:** Attempt any **THREE** questions. All questions carry equal marks. (3 × 6 = 18)

- Q.4 Describe the usage of printers also mention the working capacity and mechanism of any three different types of printers. (6)
- Q.5 Define computer networks. Describe the purpose and benefits of computer networks. (6)
- Q.6 What is data communication media? Explain three types of a guided communication media with examples. (6)
- Q.7 What is the data protection act? Explain the data protection principles. (6)
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