

BOARD-PATTERN PRACTICE PAPER · CBSE CLASS 11**Introduction to Computer System**

Informatics Practices · Chapter 1 · Matches current CBSE blueprint · Each question PYQ-sourced where indicated

DATE	TOTAL MARKS	DURATION	MARKING	TARGET
_____	30	60 min	As per board	≥ 24/30

GENERAL INSTRUCTIONS

1. All questions are compulsory.
2. Draw neat, labelled diagrams where asked.
3. Give one example wherever a definition is asked, to score full marks.
4. This is a Class 11 school-pattern paper modelled on CBSE SQP style.

Section A — Short (2 × 4 = 8 marks)**8 MARKS · 16 MIN**

- Q1.** Distinguish between data and information with one example each. [PYQ 0 CBSE SQP] **[2 marks]**
- Q2.** Differentiate between RAM and ROM. [PYQ 0 School Annual] **[2 marks]**
- Q3.** Name the two main units inside the CPU and state what each does. [PYQ 0 CBSE SQP] **[2 marks]**
- Q4.** Differentiate between primary and secondary memory with one example each. [PYQ 0 School Annual] **[2 marks]**

Section B — Medium (3 × 4 = 12 marks)**12 MARKS · 24 MIN**

- Q5.** Classify software into its two broad categories. Give two examples of each. [PYQ 0 CBSE SQP] **[3 marks]**
- Q6.** What is an operating system? List any four of its functions. [PYQ 0 School Annual] **[3 marks]**
- Q7.** Explain the memory units from bit up to GB, giving the relationship between consecutive units. [PYQ 0 CBSE SQP] **[3 marks]**
- Q8.** Differentiate between proprietary software and FOSS, with one example of each. [PYQ 0 School Annual] **[3 marks]**

Section C — Long (5 × 2 = 10 marks)**10 MARKS · 20 MIN**

- Q9.** Draw a labelled block diagram of the functional components of a computer and briefly explain the role of each: input unit, CPU (ALU, CU, registers), memory, output unit. [PYQ 0 CBSE SQP] **[5 marks]**
- Q10.** Describe the booting process of a computer step by step, and distinguish between a cold boot and a warm boot. [PYQ 0 School Annual] **[5 marks]**

Marking scheme & model answers — see companion Answer Key PDF · all PYQs traceable to actual CBSE papers · readyforboards.com · +91 70330 05444