

ESKPXI-XXVI (I)
COMPUTER SCIENCE PART-I

Time: 2 Hours 40 Minutes

SECTION "B"

Marks: 36

Q.2. Give short answers to any NINE (09) questions. All questions carry equal marks.

- i. Differentiate between Interpreter and a Compiler.
- ii. What is the role of registers in computer?
- iii. What is a microprocessor?
- iv. What is Instruction Cycle?
- v. Why cooling system is important for a computer?
- vi. Briefly describe IP Addressing.
- vii. What is Radio Transceiver?
- viii. Define the terms database and DBMS.
- ix. What is data model?
- x. What is Open Office Base?
- xi. What is the role of DBA?
- xii. Compare TCP/IP Model with OSI Model.

SECTION "C"

Marks: 24

Note: Attempt any THREE (03) questions from the following. Each question carries equal marks.

- Q.3.** What is a system bus? Explain different types of buses used in computer.
- Q.4.** Write notes on switch, router and gateway.
- Q.5.** Explain Mobile Device communication in detail.
- Q.6.** What is Normalization? Explain 1NF, 2NF, 3NF