Fundamentals

Of Computer

Assignment Questions

(Core Concept)

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**1.** Why do we need programming languages?

**Ans** - Short Answer: Programming languages enable humans to communicate instructions to computers, facilitating the creation of software and automation.

**2.** How do programming languages facilitate communication between humans and computers?

**Ans -** Short Answer: Programming languages serve as an intermediary, translating human-readable code into machine-executable instructions, allowing effective communication with computers.

**3.** What role do programming languages play in software development?

**Ans -** Short Answer: Programming languages are essential tools in software development, providing the syntax and structure to create applications and systems.

**4.** How do programming languages contribute to innovation in technology?

**Ans** - Short Answer: Programming languages empower developers to implement new ideas, fostering technological innovation by enabling the creation of diverse applications and solutions.

**5.** Explain the role of the operating system in computer organisation?

**Ans** - Short Answer: The operating system manages computer resources, facilitates communication between hardware and software, and ensures smooth execution of programs, contributing to overall system organisation.