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## Computer Awareness: (20 Questions)

**Computer Basics:** Organization of a computer, Central Processing Unit (CPU), structure of instructions in CPU, input/output devices, computer memory, and back-up devices.

**Data Representation:** Representation of characters, integers, and fractions, binary and hexadecimal representations, binary arithmetic: addition, subtraction, multiplication, division, simple arithmetic, and two's complement arithmetic, floating point representation of numbers, Boolean algebra.

**Computer Hardware:** Input Devices: Keyboard, mouse, scanner, etc. Output Devices: Monitor, printer, speakers, etc. Storage Devices: Hard drives, SSDs, USB drives, etc. Memory: RAM, ROM, cache, etc.

**Computer Software:** Operating Systems: Windows, macOS, Linux, Android, etc. System Software: Utility programs, device drivers. Application Software: Basic concepts & tools.

**Internet and Email:** Web Browsing - Understanding how the internet works and how to navigate it. Email - Sending, receiving, and managing emails. Online Security -Basic awareness of online threats and safety measures.