



NORTHERN UNIVERSITY BANGLADESH

Department Of Computer Science & Engineering

ASSIGNMENT-01

Course Title: Introduction to Computer
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Q1. Are Smartphones and Tablets Computers?

⇒ Yes, smartphones and tablets are computers. Because they can process data store information, run applications and perform various computing tasks. Like traditional computers they have a processor memory, storage, input/output devices and an operating system. However, they are smaller, more portable and mainly designed for touch based interaction.

Q2. What are the similarities and Differences Between Smartphones and Computers?

⇒ Similarities:

- (i) Both can process data and perform calculations.
- (ii) Both have a cpu, memory, storage.
- (iii) Both use operating system.
- (iv) Both can run software application.
- (v) Both can connect to the internet.

Differences:

Smartphones	Computers
(i) Small and portable.	(i) Comparatively larger.
(ii) Mainly use touch screen input.	(ii) use keyboard and mouse.
(iii) Lower processing power.	(iii) Higher processing power.
(iv) use android or ios OS.	(iv) use windows, linux, mac OS.

(v) Limited software development environment.	(v) Provides a complete software development environment.
(vi) Limited RAM and storage capacity.	(vi) Larger RAM and storage capacity.

03| Smartphones vs. Computers?

⇒ Smartphones and computers are both digital devices used for communication, information processing, and entertainment. Smartphones are designed for portability and convenience, while computers are designed for high-performance and complex tasks. Computers are better for programming, software development, gaming, and data analysis, whereas smartphones are more suitable for communication, social media, and everyday tasks.

04| Human vs. Computers.

⇒ Humans and computers have different strengths and abilities. Humans can think, learn, reason, make judgments and show emotions. Computers can process large amounts of data quickly and accurately but can not think or

Feel like humans.

Human	Computer
(i) Has intelligence and emotions.	(i) Has no emotions.
(ii) Can make decisions independently.	(ii) Follows programmed instructions.
(iii) Can learn from experience.	(iii) Learns only through programming or AI models.
(iv) May make mistakes.	(iv) Highly accurate in calculations.
(v) Slower in calculations.	(v) Extremely fast in calculation.

