

# Unit A02\_Worksheet #1\_KLO1

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Objective:

To assess students' theoretical understanding of mobile hardware components and their practical application in connectivity scenarios.

### Part A: Theory (Answer in brief)

1. Explain the difference between a mobile phone and a tablet device in terms of:

- Operating system
- Hardware capabilities
- Connectivity standards

2. Define the following:

- Wi-Fi 802.11ac
- 4G LTE
- OS kernel

3. Compare Android and iOS operating systems in terms of:

- Hardware support
- App ecosystem
- Connectivity options

## Part B: Practical Task

**Task:** Research the specifications of three current smartphones. Fill out the table below:

| Device Name | OS | CPU | RAM | Battery Capacity | Wi-Fi Support | 4G/5G Capable |
|-------------|----|-----|-----|------------------|---------------|---------------|
|             |    |     |     |                  |               |               |
|             |    |     |     |                  |               |               |
|             |    |     |     |                  |               |               |

**Follow-up:** Based on the above, recommend one device for business users and one for gaming users with justification.