

**Name:** Isma-Ul-Nisa

**Reg No:**2023-KIU -BS3840

**Department:** Agriculture And Food Science

**Programm:** Human Nutrition And Dietictics

**Semester:** Fourth

**Submitted To:** Mam Nusrat Fida

Here are **4 different models/companies of laptops and mobile phones**, each with a summary of their key features:

LAPTOPS

1. Apple MacBook Air M2 (2024)

* Processor: Apple M2 chip (8-core CPU, 10-core GPU)
* RAM: 8GB (configurable up to 24GB)
* Storage: 256GB SSD (up to 2TB)
* Display: 13.6-inch Liquid Retina (2560x1664)
* Battery Life: Up to 18 hours
* OS: macOS
* Special Features:
  + Fanless silent design
  + Excellent performance for productivity and light editing
  + MagSafe charging and Thunderbolt/USB 4 ports

2. Dell XPS 13 Plus (2023)

* Processor: Intel Core i7 13th Gen
* RAM: 16GB LPDDR5
* Storage: 512GB SSD (upgradable)
* Display: 13.4-inch OLED 3.5K (3456x2160)
* Battery Life: Up to 12 hours
* OS: Windows 11
* Special Features:
  + Edge-to-edge keyboard and invisible touchpad
  + Premium aluminum and glass design
  + Thunderbolt 4 ports

3. HP Spectre x360 14 (2024)

* Processor: Intel Core i7 14th Gen
* RAM: 16GB
* Storage: 1TB SSD
* Display: 13.5-inch OLED 3K2K touchscreen
* Battery Life: Up to 16 hours
* OS: Windows 11
* Special Features:
  + 2-in-1 convertible design
  + HP Sure View privacy screen
  + HP Rechargeable Tilt Pen included

4. Lenovo Legion 5 Pro (2023)

* Processor: AMD Ryzen 7 7745HX
* RAM: 16GB DDR5
* Storage: 1TB SSD
* Display: 16-inch WQXGA (2560x1600), 165Hz
* Graphics: NVIDIA RTX 4060
* Battery Life: Around 6–8 hours (depending on usage)
* OS: Windows 11
* Special Features:
  + Great for gaming and productivity
  + High refresh rate display
  + Advanced cooling system

MOBILE PHONES

1. Apple iPhone 15 Pro

* Display: 6.1-inch Super Retina XDR OLED
* Chipset: Apple A17 Pro
* RAM/Storage: 8GB / 128GB–1TB
* Camera: Triple camera (48MP main, 12MP ultra-wide, 12MP telephoto)
* Battery: Up to 23 hours video playback
* OS: iOS 17
* Special Features:
  + Titanium build
  + USB-C port
  + ProMotion 120Hz display

2. Samsung Galaxy S24 Ultra

* Display: 6.8-inch QHD+ AMOLED, 120Hz
* Processor: Snapdragon 8 Gen 3
* RAM/Storage: 12GB / 256GB–1TB
* Camera: Quad camera (200MP main, 12MP ultra-wide, 10MP telephoto, 50MP periscope)
* Battery: 5000mAh
* OS: Android 14 (One UI 6)
* Special Features:
  + S Pen built-in
  + AI-powered camera features
  + Gorilla Glass Armor

3. Google Pixel 8 Pro

* Display: 6.7-inch LTPO OLED, 120Hz
* Processor: Google Tensor G3
* RAM/Storage: 12GB / 128GB–1TB
* Camera: Triple camera (50MP main, 48MP ultra-wide, 48MP telephoto)
* Battery: 5050mAh
* OS: Android 14 (Stock Android)
* Special Features:
  + Best-in-class AI photography
  + 7 years of OS updates
  + Magic Editor and Call Screen AI

4. OnePlus 12

* Display: 6.82-inch AMOLED, 120Hz, QHD+
* Processor: Snapdragon 8 Gen 3
* RAM/Storage: 12GB/16GB / 256GB–1TB
* Camera: Triple camera (50MP main, 48MP ultra-wide, 64MP periscope)
* Battery: 5400mAh, 100W fast charging
* OS: Android 14 (OxygenOS)
* Special Features:
  + Fastest charging in flagship class
  + Premium design
  + Bright, vivid display (4500 nits peak brightness)