* **Assignment of Computer foundation:**

**Name:** Aqeel Ahmed

**Roll no:** PHY 22

**Assignment**: The best smartphone under Rs 75000

**Introduction:**

The best smartphone that I find under Rs 75000 is Samsung Galaxy F34

**Specifications:**

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| **NETWORK** | |
| **Technology** | GSM / HSPA / LTE / 5G |
| [**2G bands**](https://m.gsmarena.com/network-bands.php3) | GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 |
| [**3G bands**](https://m.gsmarena.com/network-bands.php3) | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 |
| [**4G bands**](https://m.gsmarena.com/network-bands.php3) | 1, 2, 3, 4, 5, 7, 8, 12, 17, 20, 26, 28, 38, 40, 41, 66 |
| [**5G bands**](https://m.gsmarena.com/network-bands.php3) | 1, 3, 5, 7, 8, 28, 38, 40, 41, 78 SA/NSA/Sub6 |
| [**Speed**](https://m.gsmarena.com/glossary.php3?term=3g) | HSPA, LTE-A, 5G |

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| **BODY:** | |
| [**Dimensions**](https://m-gsmarena-com.cdn.ampproject.org/v/s/m.gsmarena.com/samsung_galaxy_f34-ampp-12453.php?amp_gsa=1&amp_js_v=a9&usqp=mq331AQIUAKwASCAAgM%3D) | 161.7 x 77.2 x 8.8 mm (6.37 x 3.04 x 0.35 in) |
| [**Weight**](https://m-gsmarena-com.cdn.ampproject.org/v/s/m.gsmarena.com/samsung_galaxy_f34-ampp-12453.php?amp_gsa=1&amp_js_v=a9&usqp=mq331AQIUAKwASCAAgM%3D) | 208 g (7.34 oz) |
| [**SIM**](https://m.gsmarena.com/glossary.php3?term=sim) | Hybrid Dual SIM (Nano-SIM, dual stand-by) |

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| **DISPLAY:** | |
| [**Type**](https://m.gsmarena.com/glossary.php3?term=display-type) | Super AMOLED, 120Hz, 1000 nits (peak) |
| [**Size**](https://m-gsmarena-com.cdn.ampproject.org/v/s/m.gsmarena.com/samsung_galaxy_f34-ampp-12453.php?amp_gsa=1&amp_js_v=a9&usqp=mq331AQIUAKwASCAAgM%3D) | 6.5 inches, 103.7 cm2 (~83.1% screen-to-body ratio) |
| [**Resolution**](https://m.gsmarena.com/glossary.php3?term=resolution) | 1080 x 2340 pixels, 19.5:9 ratio (~396 ppi density) |
| [**Protection**](https://m.gsmarena.com/glossary.php3?term=screen-protection) | Corning Gorilla Glass 5 |

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| **PLATFORM:** | |
| [**OS**](https://m.gsmarena.com/glossary.php3?term=os) | Android 13, One UI 5.1 |
| [**Chipset**](https://m.gsmarena.com/glossary.php3?term=chipset) | Exynos 1280 (5 nm) |
| [**CPU**](https://m.gsmarena.com/glossary.php3?term=cpu) | Octa-core (2x2.4 GHz Cortex-A78 & 6x2.0 GHz Cortex-A55) |
| [**GPU**](https://m.gsmarena.com/glossary.php3?term=gpu) | Mali-G68 |

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| **MEMORY:** | |
| [**Card slot**](https://m.gsmarena.com/glossary.php3?term=memory-card-slot) | microSDXC (uses shared SIM slot) |
| [**Internal**](https://m.gsmarena.com/glossary.php3?term=dynamic-memory) | 128GB 6GB RAM, 128GB 8GB RAM |
|  | UFS 2.2 |

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| **MAIN CAMERA:** | |  |  |
| [**Triple**](https://m.gsmarena.com/glossary.php3?term=camera) | 50 MP, f/1.8, (wide), PDAF, OIS 8 MP, f/2.2, 120˚ (ultrawide) 2 MP, f/2.4 |  |  |
| [**Features**](https://m.gsmarena.com/glossary.php3?term=camera) | LED flash, panorama, HDR |  |  |
| [**Video**](https://m.gsmarena.com/glossary.php3?term=camera) | 4K@30fps, 1080p@30fps |  |  |

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| **Selfie camera:** | |
| [**Single**](https://m.gsmarena.com/glossary.php3?term=secondary-camera) | 13 MP, f/2.2, (wide) |
| [**Video**](https://m.gsmarena.com/glossary.php3?term=secondary-camera) | 1080p@30fps |

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| **Sound:** | |
| [**Loudspeaker**](https://m.gsmarena.com/glossary.php3?term=loudspeaker) | Yes |
| [**3.5mm jack**](https://m.gsmarena.com/glossary.php3?term=audio-jack) | Yes |

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| **Comma:** | |
| [**WLAN**](https://m.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct |
| [**Bluetooth**](https://m.gsmarena.com/glossary.php3?term=bluetooth) | 5.3, A2DP, LE |
| [**Positioning**](https://m.gsmarena.com/glossary.php3?term=gnss) | GPS, GLONASS, GALILEO, BDS, QZSS |
| [**NFC**](https://m.gsmarena.com/glossary.php3?term=nfc) | Yes |
| [**Radio**](https://m.gsmarena.com/glossary.php3?term=fm-radio) | Unspecified |
| [**USB**](https://m.gsmarena.com/glossary.php3?term=usb) | USB Type-C 2.0, OTG |

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| **Features:** | |
| [**Sensors**](https://m.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (side-mounted), accelerometer, gyro, compass |
| [**Messaging**](https://m.gsmarena.com/glossary.php3?term=messaging) | SMS(threaded view), MMS, Email, Push Email, IM |
| [**Browser**](https://m.gsmarena.com/glossary.php3?term=browser) | HTML5 |
|  | Virtual proximity sensing |

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| **Battery:** | |
| [**Type**](https://m.gsmarena.com/glossary.php3?term=rechargeable-battery-types) | Li-Po 6000 mAh, non-removable |
| [**Charging**](https://m.gsmarena.com/glossary.php3?term=battery-charging) | 25W wired |

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| **Misc:** | |
| [**Colors**](https://m-gsmarena-com.cdn.ampproject.org/v/s/m.gsmarena.com/samsung_galaxy_f34-ampp-12453.php?amp_gsa=1&amp_js_v=a9&usqp=mq331AQIUAKwASCAAgM%3D) | Electric Black, Mystic Green |
| [**Models**](https://m.gsmarena.com/glossary.php3?term=models) | SM-E346B, SM-E346B/DS |
| [**SAR**](https://m.gsmarena.com/glossary.php3?term=sar) | 0.89 W/kg (head) |
| [**Price**](https://m-gsmarena-com.cdn.ampproject.org/v/s/m.gsmarena.com/samsung_galaxy_f34-ampp-12453.php?amp_gsa=1&amp_js_v=a9&usqp=mq331AQIUAKwASCAAgM%3D) | About 210 EUR |