

REG.NO:

NGM COLLEGE (AUTONOMOUS) POLLACHI
END-OF-SEMESTER EXAMINATIONS: NOVEMBER - 2025

B.C.A.
V SEMESTER

MAXIMUM MARKS: 50
TIME: 2 HOURS

PART-IV : SKILL BASED ELECTIVE – I
MOBILE PHONE SERVICES

SECTION – A (10 X 1 = 10 MARKS)

ANSWER ALL THE QUESTIONS.

MULTIPLE CHOICE QUESTIONS.

1. Installing operating system files in a mobile phone is called..... (K1)
a) Flashing b) Bricking c) Disassembling d) Cleaning
2. Which device supplies direct current to test mobile phones? (K1)
a) DC Power Supply b) PCB Holder c) Multimeter d) Microscope
3. It converts electrical signals received from the local loop to acoustic signals (sound waves) that can be heard and understood by human being.....
a) Earphones b) Speakers c) Microphone d) Headphone (K1)
4. Exchange connected directly to local loops are often called.....
a) PBX b) party line c) switchboards d) dial switches (K1)
5. What is the long form of IMEI? (K1)
a) Internal Mobile Exchange Identity b) Indian Mobile Equipment Identity
c) International Mobile Equipment Identity d) International Mobile Equipment Identity

SHORT ANSWERS.

6. Define mobile communication. (K2)
7. List any three tools used in mobile repairing. (K2)
8. List any three business opportunities in mobile repairing. (K2)
9. What is antivirus installation in mobile devices? (K2)
10. Define Mobile flashing (K2)

SECTION – B (5 X 8= 40 MARKS)

ANSWER ANY FIVE QUESTIONS.

11. Explain the basics of mobile communication. Discuss the different technologies used in mobile communication (K3)
12. Describe the components of a mobile phone motherboard (K3)
13. Discuss the importance of mobile phone sensors. Explain how they work and their role in modern smartphones (K3)
14. Elaborate the battery booster device used in mobile repair. (K3)
15. Explain the function and importance of a PCB holder in mobile phone repair (K3)
16. Explain the procedure for replacing a faulty IC on the motherboard with the soldering and desoldering techniques. (K3)
17. Discuss the different methods of mobile software installation and upgrading (K3)
18. Discuss the importance of antivirus software for mobile phones with installation and configuration. (K3)