

QP CODE: 25047549



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, NOVEMBER 2025

Third Semester

M.Sc APPLIED ELECTRONICS

ELECTIVE - EL840301 - MOBILE COMPUTING

2019 ADMISSION ONWARDS

0DA2B5FE

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. What is meant by mobility?
2. Explain TAPI.
3. What are the different functions of VLR?
4. What are the functions of MMSC?
5. What are the applications of 3G?
6. What is basic service set?
7. How adhoc architecture different from infrastructure architecture?
8. What is programmable network?
9. Explain SIP.
10. Write note on convergence technologies.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. What does the client context manager do?
12. Explain the basics of WiMAX?
13. Explain briefly about GPRS network operations?
14. What are the advantages of EDGE?
15. Explain the procedure of DSSS.





16. Explain the HiperLAN reference model.
17. What is meant by intelligent network?
18. What are the advantages and disadvantages of using private network against virtual private network?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain satellite communication system.
20. Write short note on - RFID, Mobile IP, SMS ?
21. Explain in detail architecture of IS 95.
22. Explain WLL with architecture.

(2×5=10 weightage)

