

“Please check whether you have got the right question paper.”

- i) Q. No. 1 and Q. No. 6 are compulsory.
- ii) Attempt any two questions from the remaining question of each section.
- iii) Assume suitable data wherever necessary.

SECTION-A

- Q.1 Solve any two 10
- 1) Explain network signaling.
 - 2) Explain roaming management
 - 3) Explain phone operating system.
- Q.2 a) Explain TDMA in detail. 07
b) Explain features and technological advantages of 4G technology 08
- Q.3 a) Explain the advantages of android OS overall other popular mobile OS. 07
b) Explain the process of adding a BS and dropping a BS in soft hands off. 08
- Q.4 a) Explain Non-prioritized and reserved channels scheme in detail. 08
b) Explain CDMA in detail. 07
- Q.5 a) Explain advantages of open source mobile opening system. 07
b) Explain in detail SDMA and TDMA. 08

SECTION-B

- Q.6 Solve any two 10
- 1) Explain advantages of IPV6 over IPV4
 - 2) Explain Triangle Routing
 - 3) Explain XML
- Q.7 a) Explain WLL in detail. 07
b) Explain writing and formatting text in WML with example. 08
- Q.8 a) Write a program to acquire user input in WML. 07
b) What is phone.com? 08
- Q.9 a) Explain WAP gateway in detail. 07
b) Explain the goals of mobile IP also explain the different entities terminologies. 08
- Q.10 a) Explain CDPD in detail. 07
b) Explain tunneling and reverse tunneling 08