

ST. JOSEPH'S EVENING COLLEGE (AUTONOMOUS)

VI SEMESTER BCA EXAMINATIONS - APRIL 2019

MOBILE COMMUNICATION

Duration: 2.5 Hours

Max. Marks: 70

SECTION - A

I) Answer any SIX of the following questions. (6x3=18)

1. Mention any two advantages of Mobile Communication.
2. Write about Signals and its types.
3. What is Multiplexing?
4. Define Handover. Mention any two types.
5. Mention any two advantages of Infrared.
6. Define MAC.
7. What is ad-hoc network?
8. Define HTTP. Mention any two advantages.

SECTION - B

II) Answer any FOUR of the following questions. (4x8=32)

9. Explain Simplified Reference Model with a neat diagram.
10. Define TDMA. Explain about any two techniques of TDMA.
11. Explain the protocol architecture of IEEE 802.11
12. Write about TCP/IP protocol.
13. Explain Fast Retransmit/ Fast Recovery in Congestion Control.
14. Write short notes on a) Antennas b) WML

SECTION - C

III) Answer any TWO of the following questions. (2x10=20)

15. Explain the architecture of GSM with a neat diagram.
16. Write in detail about Agent Advertisement.
17. Define WAP. Explain in detail about its layers and functionalities.