

[illegible]

**Max. Marks : 60**

### SECTION-B

11. Provide a simple overview of IPv6 and compare it with IPv4.
12. Write a note on Internet Key Exchange protocol.
13. Compare Adhoc and Cellular networks.
14. Explain different types of Handoff strategies. What are the problems addressed by these techniques.
15. Write down a note on the evolution of wireless communication systems.

### SECTION-C

16. List the order of various extension headers used in IPv6. Also explain their formats.
17.
  - a) Describe the evolution of 2.5 G TDMA standards.
  - b) Write a note on Bluetooth technology.
18. What is the difference between proactive and reactive routing protocols? Explain in detail **any two** routing protocols used in Adhoc networks?

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**