

- (e) Snooping
- (f) HTML

SECTION - A

- 2. (a) Explain the cellular system architecture in detail. 8
- (b) Briefly explain the different types of Digital Modulation techniques. 7
- 3. (a) Explain the following terms : 8
 - (i) FDMA
 - (ii) Classical ALOHA
- (b) Discuss Digital Audio and Video Broadcasting. 7

SECTION - B

- 4. (a) Explain in detail about GSM architecture with suitable diagram. 8
- (b) Discuss MAC Layered Management. 7
- 5. (a) Draw the protocol architecture of IEEE 802.11. 7
- (b) Draw the diagram for the formation of Bluetooth piconet. 8

SECTION - C

- 6. (a) What are the advantages of TCP over ad hoc networks ? 8

- (b) Explain briefly about TCP with neat diagram. 7
- 7. (a) What is multicast routing ? Explain in detail. 8
- (b) Briefly explain the configuration of DHCP. 7

SECTION - D

- 8. (a) Draw the protocol architecture of WAP. 8
- (b) Explain in detail about WWW programming model. 7
- 9. Write short notes on : 15
 - (i) GEO
 - (ii) LEO
 - (iii) MEO

Roll No.

3336

**B. Tech. 6th Semester (CSE)
Examination May, 2023**

MOBILE AND WIRELESS COMMUNICATION

Paper : ESC-CSE-308-G

Time : Three Hours]

[Maximum Marks : 75

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

*Note : Attempt **five** questions in all. Selecting **one** question from each Section Q. No. 1 is **compulsory**. All questions carry equal marks.*

1. Define the following : 2.5 × 6
- (a) MAC
 - (b) CSMA
 - (c) Security and Link Management
 - (d) Mobile IP-Goals

3336-2600-(P-3)(Q-9)(23)

P. T. O.