

S.B. Roll No.....

WIRELESS AND MOBILE COMMUNICATION
6th Exam/ECE/5619/Jan'2022
(FOR 2018 BATCH ONWARD)

Duration: 1.15Hrs.

M.Marks:25

SECTION-A

Q1. Attempt any three questions.

3x5=15

- i. Write a short note on GPRS.
- ii. Compare FDMA and TDMA.
- iii. List down the advantages of Wireless communication.
- iv. Why is hexagonal shape preferred in Cellular networks?
- v. Differentiate between CDMA and GSM technology.
- vi. What are the causes of Co-channel interference?
- vii. Explain Doppler Effect.

SECTION-B

Q2. Attempt any one question.

1x10=10

- a. Explain the factors affecting the propagation of signal in Wireless communication.
- b. Describe the architecture of GSM.
- c. What are the various techniques to increase the coverage & capacity in Cellular system?
- d. Explain the architecture of LTE network.