

Velammal Engineering College,
Department of Electrical and Electronics Engineering,
Basic Electrical Electronics and Communication Engineering (19EE103T)

PART A (1 MARK) – UNIT V

1. The process of converting the analog sample into discrete form is called

- a. Quantization
- b. Sampling
- c. Multiplexing
- d. Modulation

Ans : (a) Quantization

2. Which characteristic of a radio receiver refers to its ability to reject an unwanted signal?

- a. Sensitivity
- b. Selectivity
- c. Fidelity
- d. Quality

Ans : (a) Selectivity

3. In the fiber optic link, power transfer from one fiber to another and from fiber to detector must take place with _____ coupling efficiency.

- a. Maximum
- b. Stable
- c. Minimum
- d. Unpredictable

Ans : (a) Maximum

4. The diode detector in an AM radio receiver is usually found

- a. Before the first RF stage
- b. After the first RF stage
- c. After several stages of amplification
- d. None of the above

Ans : (c) After several stages of amplification

5. In a TRF radio receiver, the RF and detection stages are tuned to

- a. Radio frequency
- b. IF
- c. Audio frequency
- d. None of the above

Ans: (a) Radio frequency

6. In TV transmission, sound signal is modulated

- a. Amplitude
- b. Frequency
- c. Phase
- d. None of the above

Ans : (b) Frequency

7. In a radio receiver, we generally use oscillator as a local oscillator

- a. Crystal
- b. Wien-bridge
- c. Phase-shift
- d. Hartley

Ans : (d) Hartley

8. In TV transmission, picture signal is modulated

- a. Frequency
- b. Phase
- c. Amplitude
- d. None of the above

Ans : (c) Amplitude

9. In a radio receiver, noise is generally developed at

- a. IF stage
- b. Receiving antenna
- c. Audio stage
- d. RF stage

Ans: (d) RF stage

10. The signal voltage induced in the aerial of a radio receiver is of the order of

- a. mV
- b. μ V
- c. V
- d. None of the above

Ans: (b) μ V

11. If a radio receiver amplifies all the signal frequencies equally well, it is said to have high

- a. Sensitivity
- b. Selectivity
- c. Distortion
- d. Fidelity

Ans: (d) Fidelity

12. In radio transmission, the medium of transmission is

- a. Space
- b. An antenna
- c. Cable
- d. None of the above

Ans: (a) Space