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1) The modulation technique used for mobile communication systems during world war II was

- a. Amplitude modulation
- b. Frequency modulation
- c. ASK
- d. FSK

ANSWER: Frequency modulation

2) _____ introduced Frequency Modulation for mobile communication systems in 1935.

- a. Edwin Armstrong
- b. Albert Einstein
- c. Galileo Galilei
- d. David Bohm

ANSWER: Edwin Armstrong

3) The early FM push-to-talk telephone systems were used in

- a. Simplex mode
- b. Half duplex mode
- c. Full duplex mode
- d. None of the above

ANSWER: Half duplex mode

4) DECT stands for

- a. Digital European Cellular Telex
- b. Digitized Emergency Cellular Telephone
- c. Digital European Cordless Telephone
- d. Digital European Cellular Telephone

ANSWER: Digital European Cordless Telephone

5) World's first cellular system was developed by

- a. Nippon Telephone and Telegraph (NTT)
- b. Bellcore and Motorola
- c. AT&T Bell Laboratories
- d. Qualcomm

ANSWER: Nippon Telephone and Telegraph (NTT)

6) Paging systems were based on

- a. Simplex systems
- b. Half duplex systems
- c. Full duplex systems
- d. None of the above

ANSWER: Simplex systems

7) Paging systems could be used to

- a. Send numeric messages
- b. Send alphanumeric messages
- c. Voice message
- d. All of the above

ANSWER: All of the above

8) Garage door opener is a

- a. Transmitter
- b. Receiver
- c. Transceiver
- d. None of the above

ANSWER: Transmitter

9) Carrier frequency of a TV remote control is in the range

- a. of Infra red
- b. < 100 MHz
- c. < 1 GHz
- d. < 2 GHz

ANSWER: of Infra red

10) Half duplex system for communication has

- a. Communication in single direction
- b. Communication in single direction at a time**
- c. Communication in both directions at the same time
- d. None of the above

ANSWER: Communication in single direction at a time