

Objective Questions on U-I SET-II

1. Which of the following is/are the main part(s) of basic cellular system.
A) A mobile Unit B) A cell Site C) A mobile Telephone Switching Office
D) All of the above
2. What are the main reasons for using cellular systems?
A) to support many users, low power and localization. B) is profit maximization for service providers.
C) are user localization and frequency reuse. D) They are easy to use.
3. State whether True or False.
i) The cells or subdivisions of a geographical area are always hexagonal.ii) A land to Mobile call originates through the Telephone exchange.
A) True, False B) False, True C) False, False D) True, True
4. The basic GSM is based on _____ traffic channels.
A) connection oriented. B) connection less. C) packet switching. D) circuit switching
5. Why are waves with a very low frequency not used for data transmission in computer networks?
A) They require large antennas, have lower bandwidth and are difficult to manage in cells and frequency reuse schemes
B) They require small antennas and have higher bandwidth C) They do not penetrate material D) They can be easily shielded.
6. VLR and HLR in GSM systems are.....
A) Gateways for outer connectivity. B) Databases of registered users
C) Routers and call management servers. D) System setup files.
7. Main reasons for a handover in GSM are
A) Weak signal in cell and heavy cell load B) Heavy cell load C) Mobile station moves from cell to cell D)Low signal strength
8. Main features of 3G include (in comparison to 2G)
A) Better voice quality B) Higher data rates C) Better voice quality and higher and flexible data rates D) Power management
9. GPRS needs the following parts of a typical GSM
A) Does not need any part of GSM B) The packet-switched core for data transmission
C) The circuit-switched core for localization and authentication D) None of these
10. UMTS stands for
a) Universal Mobile Telecommunication System b) Universal Mobile telephone System
c) Universal Mobility telephonic system d) None of these