

Subject Name: Mobile Computing

1. Which of the following is the world's first cellular system to specify digital modulation and network level architecture?
- a) GSM
 - b) AMPS
 - c) CDMA
 - d) IS-54

Ans : a

2. Previously in 1980s, GSM stands for _____
- a) Global system for mobile
 - b) Groupe special mobile
 - c) Global special mobile
 - d) Groupe system mobile

Ans : b

3. Who set the standards of GSM?
- a) ITU
 - b) AT & T
 - c) ETSI
 - d) USDC

Ans : c

4. Which of the following does not come under the teleservices of GSM?
- a) Standard mobile telephony
 - b) Mobile originated traffic
 - c) Base originated traffic
 - d) Packet switched traffic

Ans: d

5. Which of the following comes under supplementary ISDN services?
- a) Emergency calling
 - b) Packet switched protocols
 - c) Call diversion
 - d) Standard mobile telephony

Ans: c

6. Which of the following memory device stores information such as subscriber's identification number in GSM?
- a) Register
 - b) Flip flop
 - c) SIM
 - d) SMS

Ans: c

7. Which of the following feature makes impossible to eavesdrop on GSM radio transmission?
- a) SIM
 - b) On the air privacy
 - c) SMS
 - d) Packet switched traffic

Ans: d

8. Which of the following does not come under subsystem of GSM architecture?
- a) BSS
 - b) NSS
 - c) OSS
 - d) Channel

Ans: d

9. Which of the following subsystem provides radio transmission between mobile station and MSC?
- a) BSS
 - b) NSS
 - c) OSS
 - d) BSC

Ans: a

10. _____ manages the switching function in GSM.
- a) BSS
 - b) NSS
 - c) OSS
 - d) MSC

Ans: d

11. _____ supports the operation and maintenance of GSM.
- a) BSS
 - b) NSS
 - c) OSS
 - d) MSC

Ans: c

12. _____ carries digitally encoded user data.
- a) Traffic channels
 - b) Control channels
 - c) Signalling channels
 - d) Forward channels

Ans: a

13. _____ carries signalling and synchronizing commands.

- a) Traffic channels
- b) Control channels
- c) Signalling channels
- d) Forward channels

Ans: b

14. Which of the following is not a control channel of GSM?

- a) BCH
- b) CCCH
- c) DCCH
- d) TCH

Ans: d

15. Which of the following is the forward control channel that is used to broadcast information?

- a) BCCH
- b) CCCH
- c) DCCH
- d) TCH

Ans: a

16. Which of the following burst is used to access service from any base station?

- a) TCH
- b) RACH
- c) SCH
- d) FCCH

Ans: b

17. Which of the following is the world's first cellular system to specify digital modulation and network level architecture?

- a) GSM
- b) AMPS
- c) CDMA
- d) IS-54

Ans: a

18. Previously in 1980s, GSM stands for _____

- a) Global system for mobile
- b) Groupe special mobile
- c) Global special mobile
- d) Groupe system mobile

Ans b

19. Who set the standards of GSM?

- a) ITU
- b) AT & T
- c) ETSI
- d) USDC

Ans : c



Faculty In-charge

Students

Vaishnavi S
J-Shin
A-Yang #
Sushant
B. Adhikari