Chettinad
College of Engineering & Technology
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Department of Electronics and Communication Engineering

EC8004 WIRELESS NETWORKS

Multiple Choice Questions Bank

Unit-II Mobile Network Layer

1. Which of the following is a major requirement for mobile IP?
   a) Transparency
   b) Scalability
   c) security
   d) all the above
   Answer :(d)

2. A ---------------- is an end system that changes the point of attachment
   a) MN
   b) CoA
   c) HA
   d) FA
   Answer :(a)

3. system in the home network of the MN
   a) MN
   b) HA
   c) FA
   d) None of the above
   Answer :(b)

4. The _____ network is the current subnet the MN visits and is not the home network
   a) HA
   b) Foreign
   c) CoA
   d) FA
   Answer :(b)

5. Routing falls under which layer?
    a) MAC
    b) Network
    c) PHY layer
   Answer :(b)

6. The ------------ forwards the tunneled datagrams to the MN, typically also the default router for the MN
    a) HA
    b) FA
    c) MN
    d) None of the above
   Answer :(b)

7. Two types of CoA include
    a) Foreign located CoA
    b) Home located CoA
    c) Both a & b
    d) None of the above
   Answer :(c)

8. Address of the current tunnel end-point for the MN
    a) Care of address
    b) HA
    c) FA
    d) All the above
   Answer :(a)

9. The communication partner with MN is
    a) HA
    b) FA
    c) CN
    d) CoA
   Answer :(c)

10. Agent discovery process includes
    a) Agent Adv
    b) Agent solicitation
    c) Both a & b
    d) None of these
   Answer :(c)

11. _____and_____periodically send advertisement messages into their physical subnets
    a) FA & HA
    b) HA & FA
    c) Both a & b
    d) None of the above
    Answer :(a)

12. If no agent adv messages are present then we go for
    a) Agent solicitation
    b) Agent registration
    c) Both a & b
    d) None of these
    Answer :(a)

13. Sending the packets over the tunnel is called
    a) Tunnelling
    b) Encapsulation
    Answer :(a)

14 --------------- is the mechanism of taking a packet and putting it into data part of another packet.
    a) Encapsulation
    b) Decapsulation
    Answer :(a)

15. Types of Encapsulation
    a) IP in IP
    b) Minimal
    c) GRE
    d) All the above
    Answer :(a)

16. _____allows encapsulation of packets of one protocol suite into another suite
    a) IP in IP
    b) Minimal
    c) GRE
    d) All the above
    Answer :(c)

17. _____works on client server model where the client sends via a MAC broadcast a request to the DHCP server
    a) IPv4
    b) IPv6
    c) DHCP
    d) ICMP
    Answer :(c)

18.Does not require any infrastuture
    a) Adhoc Network
    b) Cellular Network
    Answer :(a)

19.is an example proactive routing in MANETs
    a) DSDV
    b) DSR
    Answer :(a)

20.is an example reactive routing in MANETs
    a) DSR
    b) DSDV
    Answer :(a)

21. The size of an IP address in IPv6 is _____
    a) 4 bytes
    b) 128 bits
    c) 8 bytes
    d) 100 bits
    Answer :(b)

22. In the IPv6 header, the traffic class field is similar to which field in the IPv4 header?
    a) Fragmentation field
    b) Fast-switching
    c) ToS field
    d) Option field
    Answer :(c)

23. What is the first SIP Message sent out when a SIP UA wants to setup a call with other device
    a) Register
    b) Request
    c) Invite
    d) Hello
    Answer :(c)

24. SIP is a _____ Protocol.
    a) HTML-Based
    b) SMTP-Based
    c) Text-Based
    d) SNMP-Based
    Answer :(c)

25. What is the expansion of COAP?
    a) Content Application Protocol
    b) **Constraint Application Protocol**
    c) Constraint Adaptive protocol
    Answer :(b)