

Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Routing Professional

Course Code - MNCS203

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Answer all the questions. Each question carry one mark.

9. 1. The Open Shortest Path First(OSPF) protocol is an intra-domain routing protocol based on routing.

Mark only one oval.

- Distance vector
- Path vector
- Link state
- Non distance vector

10. 2. The term refers to which node or nodes in the network are responsible for the routing decision.

Mark only one oval.

- Decision place
- Node place
- Routing place
- Switching place

11. 3. In the router forwards the receive packet through only one of its interfaces.

Mark only one oval.

- Unicasting
- Broadcasting
- Multicasting
- Point to point

12. 4. For purposes of routing, the Internet is divided into

Mark only one oval.

- Wide area networks
- Local area networks
- Autonomous networks
- Autonomous system

13. 5. In which layer of OSI model Router works?

Mark only one oval.

- Layer 3 Device
- Layer 2 Device
- Layer 6 Device
- Layer 7 Device

14. 6. EIGRP metric is _____

Mark only one oval.

- K-values
- Hop Count
- Bandwidth only
- Delay only

15. 7. In OSPF, which protocol is used to discover neighbour routers automatically?

Mark only one oval.

- Link state protocol
- Routing information protocol
- Error-correction protocol
- Hello protocol

16. 8. EIGRP send the hello message after every _____ seconds

Mark only one oval.

- 5 seconds (LAN), 60 seconds (WAN)
- 15s
- 5 seconds (LAN), 5 seconds (WAN)
- 180s

17. 9. What is true about frame-relay DLCI?

Mark only one oval.

- DLCI represents a single physical circuit
- DLCI identifies a logical connection between DTE devices
- DLCI is optional in all frame-relay networks
- DLCI is used to tag the beginning of a frame with VLAN information

18. 10. Open Shortest Path First (OSPF) is also called as _____

Mark only one oval.

- Link state protocol
- Routing information protocol
- Error-correction protocol
- All of these

19. 11. Which of the following is false with respect to the features of OSPF?

Mark only one oval.

- Support for fixed-length sunbathing by including the subnet mask in the routing message.
- Use of designated router.
- More flexible link cost than can range from 1 to 65535.
- Distribution of traffic over multiple paths that have equal cost to the destination.

20. 12. What is the range of autonomous system numbers (ASNs) that can be assigned to a network using BGP?

Mark only one oval.

- 1 to 256
- 1 to 64,640
- 1 to 1024
- 1 to 65,535

21. 13. What kind of BGP session is established between two routers that are adjacent, but in two different Autonomous Systems?

Mark only one oval.

- External BGP (eBGP)
- Default (dBGP)
- Internal BGP (iBGP)
- Direct

22. 14. In OSPF header, which field is used to detect errors in the packet?

Mark only one oval.

- Type
- Authentication type
- Area ID
- Checksum

23. 15. Which of the following is NOT a type of message that a BGP common Header will contain?

Mark only one oval.

- OPEN message
- ROUTEBUSY message
- UPDATE message
- KEEPALIVE message

24. 16. Which state indicates that the router does not have a path to the neighbor IP address?

Mark only one oval.

- Active
- Established
- Idle
- Open confirm

25. 17. Which BGP neighbor state is the proper state for normal BGP neighbor operations?

Mark only one oval.

- Active
- Idle
- Open confirm
- Established

26. 18. In OSPF database descriptor packet, which field is used to indicate that the router is master?

Mark only one oval.

- M
- I
- MS
- Options

27. 19. Which description applies to the next-hop attribute?

Mark only one oval.

- Well-known mandatory
- Optional transitive
- Well-known discretionary
- Optional nontransitive

28. 20. With which network type will OSPF establish router adjacencies but not perform the DR/BDR election process?

Mark only one oval.

- Point-to-point
- Broadcast multi-access
- Backbone area 0
- Non-broadcast multi-access

29. 21. Which path will BGP prefer when using the weight attribute?

Mark only one oval.

- Higher weight
- Default weight
- Lower weight
- None of these

30. 22. Which path will BGP prefer when using the local preference attribute?

Mark only one oval.

- Higher local preference
- Default local preference
- Lower local preference
- None of these

31. 23. In a GLBP network, who is responsible for the arp request?

Mark only one oval.

- AVF(Active Virtual Forwarders)
- Active Router
- AVG(Active Virtual gateway)
- Standby Router

32. 24. Which protocol is the Cisco proprietary implementation of FHRP?

Mark only one oval.

- HSRP
- GLBP
- VRRP
- CARP

33. 25. EIGRP uses the _____ algorithm for finding shortest path.

Mark only one oval.

- SPF
- Linkstat
- DUAL
- Dijkstraalgo

34. 26. How many bits are in Network by default in Class B IP Address?

Mark only one oval.

- 8
- 24
- 16
- 32

35. 27. A bridge handles frames at which of the following layers of the OSI model?

Mark only one oval.

- Data Link
- Transport
- Session
- Network

36. 28. What is the name of this mode " Router >"?

Mark only one oval.

- Router startup mode
- User Exec Mode
- Privilege mode
- Enable Mode

37. 29. Administrative distance for internal EIGRP is _____

Mark only one oval.

- 90
- 110
- 170
- 91

38. 30. Which of the following command remove entries from the BGP routing table and reset BGP sessions?

Mark only one oval.

- clear ip bgp
- clear bgp *
- clear ip bgp 0.0.0.0
- clear ip bgp *

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