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Exam Code: 920-203
NNCDS - Passport 7000/15000

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1. What is the definition of a protocol? (Choose the correct answer.)
- A. a set of rules that defines how data is transferred through a network
 - B. a set of rules that defines how information is communicated between two devices
 - C. a set of rules that converts digital signals to analog signals
 - D. a set of rules that defines how the transmission media operates

Answer: B

2. Passport nodes support both loadspreading and loadsharing packet forwarding policies. (Choose the correct answer.)

- A. true
- B. false

Answer: A

3. AC and DC power on a Passport can be supported simultaneously. (Choose the correct answer.)

- A. true
- B. false

Answer: B

4. How many power supplies are required to power up a fully equipped 16-slot Passport shelf? (Choose the correct answer.)

- A. 2
- B. 1
- C. 3
- D. 4

Answer: A

5. Which statements are characteristic of the 16-slot Passport 15000 switch? (Select all correct answers)

- A. supports N+1 power sparing
- B. must contain two control processors
- C. has redundant fabric
- D. the two links between FPs and fabric support 2.5 Gbits user data each

Answer: ACD

6. Which items are traffic control mechanisms for ATM? (Select all correct answers)

- A. connection admission control (CAC)
- B. traffic shaping
- C. peak cell rate (PCR)
- D. committed information rate (CIR)

Answer: AB

7. Which of the following will re-route if high congestion develops during an existing call? (Select all correct answers.)

- A. DPRS
- B. PORS
- C. PNNI and IISP with SPVCs
- D. OSPF

Answer: AB

8. A fully populated Passport 15000 is comprised of: (Choose the correct answer.)

- A. 2 CPs, 14 FPs, 2 expansion slots
- B. 2 CPs, 16 FPs
- C. 1 CP, 14 FPs, 2 expansion slots
- D. 2 CPs, 12 FPs, 4 expansion slots

Answer: A

9. How many 16-slot Passport termination panels are required for the following configuration: three 8-port V.35 FP cards, two 8-port V.11 FP cards, and 2 control processors? (Choose the correct answer.)

- A. 6
- B. 8
- C. 5
- D. 3

Answer: C

10. What protocols can be used as an interior gateway protocol? (Select all correct answers.)

- A. EBGp
- B. IBGP
- C. RIP
- D. OSPF

Answer: BCD

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- A. EBGp
- B. IBGP
- C. RIP
- D. OSPF

Answer: BCD

12. What does a router running RIP do with a packet that has exceeded its hop count? (Choose the correct answer.)

- A. sends it to the default router
- B. returns it to the transmitting station
- C. discards it
- D. forwards it on all ports

Answer: C

13. What does a router running RIP do with a packet that has exceeded its hop count? (Choose the correct answer.)

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- C. discards it
- D. forwards it on all ports

Answer: C

14. Which function does a bridge perform in a telecommunications network? (Choose the correct answer.)

- A. performs protocol conversion between two networks
- B. revives a signal that may lose its strength when transmitted over distance
- C. determines the best path a signal should take through a network
- D. connects two LAN segments that use the same data link and the same network protocol

Answer: D

15. Which equipment type provides all the functions required to establish, maintain, and terminate a connection?

- A. data terminal equipment (DTE)
- B. transmission media
- C. data circuit-terminating equipment (DCE)
- D. data concentrator

Answer: C

16. A telephone line and fiber optics are examples of which network component? (Choose the correct answer.)

- A. data terminal equipment
- B. transmission media
- C. data communications equipment
- D. remote system unit

Answer: B

17. Which function does a repeater perform in a telecommunications network? (Choose the correct answer.)

- A. performs protocol conversion between two networks
- B. revives a signal that may lose its strength when transmitted over distance
- C. determines the best path a signal should take through a network
- D. broadcasts a message to multiple users on a network

Answer: B

18. Which device translates digital data into analog signals for transmission over voice circuits? (Choose the correct answer.)

- A. media access unit

- B. repeater
- C. modem
- D. hub

Answer: C

19. Which technique combines two or more simultaneous communications transmissions so that they travel over a single circuit?

- A. bridging
- B. modulation
- C. amplification
- D. multiplexing

Answer: D

20. Which digital service consists of 30 channels for traffic, 1 channel for framing, and 1 channel for signaling?

- A. DS1
- B. E1
- C. DS3
- D. E3

Answer: B