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**Exam** : **650-667**

**Title** : Cisco SP Video Cable  
Access Networks Design for  
SE

**Version** : Demo

1. With an optical transmitter that has a dispersion limit of 65 km and the link is 95 km, which piece of equipment should be added to the link?

- A. DCM9900
- B. DCM30
- C. DCM95
- D. DCM 65

**Answer: B**

2. What is meant by the expression 'physical node size'?

- A. the number of subscribers who are served by the HFC network
- B. the number of potential subscribers who receive signals from and transmit signals to an optical receiver and transmitter in an optical node
- C. the number of subscribers who are connected by coaxial cable to a single optical node
- D. the size of the area that can be served by a single optical transmitter

**Answer: C**

3. Which two effects will result if the RF signal level at the output of an amplifier is increased? (Choose two.)

- A. an increase in the amount of distortion
- B. a reduction in the amount of distortion
- C. an improvement in the CNR
- D. a reduction in the CNR
- E. overheating of the amplifier circuits

**Answer: A,C**

4. What is the most appropriate optical technology when many groups of narrowcast traffic must be transported from a headend to a hub and the number of available fibers is limited?

- A. 1310 nm transmission
- B. O-band multiplexing
- C. DWDM
- D. CWDM

**Answer: C**

5. If you have two signals each at 5 dBm and they are combined, what is the combined power?

- A. 5 dBm
- B. 8 dBm
- C. 10 dBm
- D. 50 dBm

**Answer: C**