Cisco 650-667

Cisco SP Video Cable Access Networks Design for SE

Version: 5.0

QUESTION NO: 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
Explanation:

QUESTION NO: 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
Explanation:

QUESTION NO: 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
Explanation:

QUESTION NO: 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. DWOM
D. CWDM

Answer: C
Explanation:

QUESTION NO: 5

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

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

Answer: C
Explanation:

QUESTION NO: 6

Which Cisco SPVTG product line converts RF to fiber optics?

A. Cisco CMTS
B. Cisco Prisma II
C. Cisco COS
D. Cisco ISDP

Answer: B
Explanation: