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Exam : RCDD-002

**Title : BICSI Registered
Communications
Distribution Designer -
RCDD**

Version : DEMO

1.A video camera has a coaxial cable output. The video signal is to be distributed to devices that have balanced twisted pair inputs.

The transition between these two different transmission media can be accomplished by using a:

- A. Balun
- B. Converter
- C. Modulator
- D. Cross connect
- E. Transceiver

Answer: A

2.Which is an advantage of stranded conductors over solid conductors?

- A. Less costly
- B. Simpler terminations
- C. Better high frequency performance
- D. More flexible

Answer: D

3.You must place a cable between 2 equipment locations with separate grounds having a potential difference between them of 2.1 V rms.

Which one of the following cables should NOT be used?

- A. Multimode
- B. Singlemode
- C. UTP
- D. STP

Answer: D

4.You must place CAT6 cable above a factory floor with automated welding machines and hammer forges.

Of the following, what type of shielding would be most effective?

- A. Multi-layer braid
- B. Foil and braid
- C. Solid metallic conduit
- D. Flex metallic conduit
- E. Sch. 40 PVC conduit

Answer: C

5.Two sinusoidal signals have the same amplitude (A) and the same frequency (f). They differ in phase by 180 degrees.

If these two signals are added together, the result is a sinusoidal signal having an amplitude of:

- A. Zero
- B. $0.707A$ and a frequency of f
- C. A and a frequency of $2f$
- D. $2A$ and a frequency of f
- E. $2A$ and a frequency of $2f$

Answer: A