



Free Questions for RCDDv14.1 by certscare

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Question 1

Question Type: MultipleChoice

A MINIMUM separation distance of 305 mm (12 in) between telecommunication cables and power cables with EMI exceeding 5 kVA is acceptable in which of the following cases?

Options:

- A-** Power cables are unshielded, while telecommunication cables are enclosed in a grounded metal conduit pathway.
- B-** Power cables are unshielded, while telecommunication cables are enclosed in a non-metal conduit pathway.
- C-** Power cables are unshielded and enclosed in a grounded metal conduit, while telecommunication cables are enclosed in a grounded metal conduit pathway.

Answer:

A

Question 2

Question Type: MultipleChoice

A commercial office building floor has a usable floor space of 1858 m² (20,000 ft²). What is the MINIMUM number of 103 mm (4 trade size) conduits that shall be required to interconnect the telecommunications rooms on this floor?

Options:

A- 0

B- 1

C- 2

D- 3

Answer:

C

Question 3

Question Type: MultipleChoice

What is the derating factor for a 24 AWG (0.51 mm) stranded cords?

Options:

A- 10%

B- 20%

C- 30%

D- 50%

E- 60%

Answer:

B

Question 4

Question Type: MultipleChoice

An ICT distribution designer is coordinating with local agencies for an upcoming campus improvement project which could affect the design. Which two of the following listed items will MINIMIZE design changes once the project begins? (Choose two.)

Options:

- A- Identification and agreement of conduit pathway routes
- B- Hand off of documentation to project manager
- C- Identification of maintenance holes, hand holes locations
- D- Approval of budget by chief financial officer (CFO)
- E- Approval of permit by AHJ - local Fire Marshal

Answer:

A, C

Question 5

Question Type: MultipleChoice

What is the MINIMUM lighting requirement for telecommunications spaces?

Options:

- A- 50 lux (4.6 foot-candles) of lighting in the horizontal plane and 20 lux (1.9 foot-candles) of lighting in the vertical plane measured at 1 meter (3.28 feet) above the finished floor
- B- 200 lux (18.6 foot-candles) of lighting in the horizontal plane and 500 lux (46 foot-candles) of lighting in the vertical plane measured at

1 meter (3.28 feet) above the finished floor

C- 500 lux (46 foot-candles) of lighting in the horizontal plane and 200 lux (18.6 foot-candles) of lighting in the vertical plane measured at 1 meter (3.28 feet) above the finished floor

D- 500 lux (46 foot-candles) of lighting in the horizontal plane and 500 lux (46 foot-candles) of lighting in the vertical plane measured at 1 meter (3.28 feet) above the finished floor

Answer:

C

Question 6

Question Type: MultipleChoice

Rolling objects create what type of load on an access flooring system?

Options:

A- Dynamic

B- Impact

C- Static

D- Physical

E- Virtual

Answer:

B

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