

[May-2024 Verified BICSI DCDC-003.1 Bundle Real Exam Dumps PDF [Q38-Q56]



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DCDC-003.1 Dumps PDF New [2024] Ultimate Study Guide

NEW QUESTION 38

What is the formula for reliability of components in parallel?

- * $R = RA1 + RA2$
- * $R = RA1 \&\#8211; RA2$
- * $R = RA1 / RA2$
- * $R = 1 \&\#8211; [(1-RA1) * (1-RA2)]$

NEW QUESTION 39

What is the acceptable rate of temperature change per hour in a data center according to TIA-942?

- * 5 degrees
- * 7 degrees
- * 9 degrees

- * 12 degrees
- * 15 degrees

NEW QUESTION 40

What are main concepts in choosing location of the entrance room?

- * If possible, it should be very close, and, in the computer room distance limitations for T1,T3,E1,and E3 circuits,
- * Should not be near to Data Center
- * Dedicated location outside building
- * All of these

Explanation:

NEW QUESTION 41

What is the third preference regarding electricity supply?

- * At Least Two Circuits From Same Power Grid But Different Substations And Separate Paths
- * One Balanced Feeder Coordinated With Upstream Backup Feed
- * One Circuit From Single Sub Station Fed Via Additional Path from Alternate Power Grid
- * Two Balanced Feeds With Same Voltage Derived From A Single Distribution Station

NEW QUESTION 42

where should the vendor storage area be located?

- * far away from loading dock
- * inside data center
- * offsite
- * adjacent or near secured loading dock

NEW QUESTION 43

Which areas should generate a history of all access attempts and monitored by CCTV Security System?

- * Only computer rooms
- * Storage Areas
- * Any concealed places
- * Loading Docks
- * Computer rooms, Loading docks, storage areas, Staging areas and Vendor Storage

NEW QUESTION 44

What is the minimum distance from the bottom of the access floor to the top of the cable tray?

- * 1 inch
- * 2 inches
- * 3 inches
- * 4 inches
- * 5 inches

NEW QUESTION 45

Where is the recommended location for remote power panels?

- * at one or both ends of an equipment row

- * outside the building
- * inside a sealed room
- * suspended from ceiling

NEW QUESTION 46

What is the high temperature that must be maintained in a data center according to TIA-942?

- * 70 degrees
- * 75 degrees
- * 77 degrees
- * 80 degrees
- * 85 degrees

NEW QUESTION 47

What is the maximum recommended number of racks in an aisle?

- * 20 racks
- * 10 racks
- * 30 racks
- * 40 racks

NEW QUESTION 48

What IBC occupancy category are data centers placed in if they don't have to operate after an earthquake?

- * Category1
- * Category2
- * Category3
- * Category 4

NEW QUESTION 49

What is the difference between N+1 and 2N redundancy?

- * N+1 redundancy means that there is one additional backup component while 2N redundancy means that there are two identical backup components
- * N+1 redundancy is more reliable than 2N redundancy
- * 2N redundancy is more cost-effective than N+1 redundancy
- * N+1 redundancy is more flexible and adaptable to changing needs than 2N redundancy

NEW QUESTION 50

Where is temperature typically measured in a data center HVAC system?

- * At the CRAC unit exhaust
- * At the CRAC unit inlet
- * At the server rack inlet
- * At the server rack exhaust

NEW QUESTION 51

What are the recommended computer room delivery pathway dimensions

- * 10 feet long by 4 feet deep by 8 feet high

- * 20 feet long by 6 feet deep by 10 feet high
- * 15 feet long by 5 feet deep by 7 feet high
- * 14 feet long and has a depth dependent on rack layout.

NEW QUESTION 52

What are the dimensions of circulation pathways?

- * 4 feet wide and have clear overhead of 8 feet
- * 5 feet width with a height of 7 feet.
- * 6 feet width, width depends on the layout functionality.
- * None
- * All

Explanation:

NEW QUESTION 53

What are three primary considerations in designing the power systems space plan?

- * Energy utilization, efficiency of cooling and redundant generators
- * Physical security, environmental monitoring, backup power source
- * Reduce transmission loss, conduit path minimizing & spacing requirement for system
- * Leakage current control, firewall protection & hardening redundancy

NEW QUESTION 54

Where should telecom cabling be routed under an access floor?

- * In the cold aisle
- * Above the access floor
- * In the plenum space
- * In the equipment room
- * In the office area

NEW QUESTION 55

What are the 3 different methods for grounding racks in a computer room?

- * Ground bus, direct connections, bond to rack
- * Ground conductor, surge protection, equipment rack
- * Copper cable, conduit, flexible connector
- * AC power, DC power, Ethernet

Explanation:

NEW QUESTION 56

What are the minimum separation distances for electrical and telecom services pathways to maintain from their primary and redundant feeds?

- * 5 meters (16 feet)
- * 10 meters (33 feet)
- * 15 meters (49 feet)
- * 20 meters (66 feet)

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