

## **CCNA 1 Chapter 8 V4.0 Answers**

**1. Which type of cable run is most often associated with fiber-optic cable?**

**backbone cable**

horizontal cable

patch cable

work area cable

**2. In most business LANs, which connector is used with twisted-pair networking cable?**

BNC

RJ-11

**RJ-45**

Type F

**3. When is a straight-through cable used in a network?**

when connecting a router through the console port

when connecting one switch to another switch

**when connecting a host to a switch**

when connecting a router to another router

**4. With the use of unshielded twisted-pair copper wire in a network, what causes crosstalk within the cable pairs?**

**the magnetic field around the adjacent pairs of wire**

the use of braided wire to shield the adjacent wire pairs

the reflection of the electrical wave back from the far end of the cable

the collision caused by two nodes trying to use the media simultaneously

**5. Which OSI layer is responsible for binary transmission, cable specification, and physical aspects of network communication?**

Presentation

Transport

Data Link

**Physical**

**6. An installed fiber run can be checked for faults, integrity, and the performance of the media by using what device?**

light injector

**OTDR**

TDR

multimeter

**7. XYZ Company is installing new cable runs on their data network. What two types of cable would most commonly be used for new runs? (Choose two.)**

coax

Cat4 UTP

Cat5 UTP

Cat6 UTP

STP

**8. What is a possible effect of improperly applying a connector to a network cable?**

Data will be forwarded to the wrong node.

Data transmitted through that cable may experience signal loss.

An improper signaling method will be implemented for data transmitted on that cable.

The encoding method for data sent on that cable will change to compensate for the improper connection.

**9. What are three measures of data transfer? (Choose three.)**

goodput

frequency

amplitude

throughput

crosstalk

bandwidth

**10.**

**Refer to the exhibit. Which type of Category 5 cable is used to make an Ethernet connection between Host A and Host B?**

coax cable

rollover cable

crossover cable

straight-through cable

**11. In LAN installations where potential electrical hazards or electromagnetic interference may be present, what type of media is recommended for backbone cabling?**

coax

fiber

Cat5e UTP

Cat6 UTP

STP

**12. Which fiber connector supports full duplex Ethernet?**



**13. Which method of signal transmission uses radio waves to carry signals?**

- electrical
- optical
- wireless
- acoustic

**14. Which characteristics describe fiber optic cable? (Choose two.)**

It is not affected by EMI or RFI.

Each pair of cables is wrapped in metallic foil.

It combines the technique of cancellation, shielding and twisting to protect data.

It has a maximum speed of 100 Mbps.

It is the most expensive type of LAN cabling.

**15. Which of the following is a characteristic of single-mode fiber-optic cable?**

generally uses LEDs as the light source

relatively larger core with multiple light paths

less expensive than multimode

generally uses lasers as the light source

**16. What is considered a benefit of wireless as a media choice?**

more host mobility

lower security risks

reduced susceptibility to interference

less impact of the surroundings on the effective coverage area

**17. What characteristic of UTP cable helps reduce the effects of interference?**

the metal braiding in the shielding

the reflective cladding around core

the twisting of the wires in the cable

the insulating material in the outer jacket

**18. What is a primary role of the Physical layer in transmitting data on the network?**

create the signals that represent the bits in each frame on to the media

provide physical addressing to the devices

[www.ccnafinal.net](http://www.ccnafinal.net) [www.ccnafinalexam.com](http://www.ccnafinalexam.com) [www.ccnaanswers.org](http://www.ccnaanswers.org) [www.ccna4u.net](http://www.ccna4u.net)  
[www.ccna4u.org](http://www.ccna4u.org) [www.ccna4u.info](http://www.ccna4u.info)

determine the path packets take through the network  
control data access to the media

### **Taged:**

[ccna1 final exam january 2011 answer](#),[CCNA 1 Chapter 8 v4 0 Answers](#),[CCNA1 chapter 8](#)

### **Related Posts**

- [CCNA 1 Chapter 11 V4.0 Answers](#)
- [CCNA 1 Chapter 10 V4.0 Answers](#)
- [CCNA 1 Chapter 9 V4.0 Answers](#)
- [CCNA 1 Chapter 7 V4.0 Answers](#)
- [CCNA 1 Chapter 6 V4.0 Answers](#)
- [CCNA 1 Chapter 5 V4.0 Answers](#)
- [CCNA 1 Chapter 2 V4.0 Answers 100% updated 2011](#)
- [CCNA 1 Chapter 1 V4.0 Answers Updated 2011 100%](#)

Tags: [CCNA 1](#), [ccna 1 2011](#), [CCNA 1 Chapter 1](#), [ccna 1 chapter 1 100%](#), [ccna 1 chapter 1 2011](#), [CCNA 1 Chapter 1 Answers](#), [CCNA 1 Chapter 1 V4.0 Answers](#), [ccna 1 module 1](#)  
[← CCNA 4 Final Exam Answers \(B\) CCNA 1 Chapter 2 V4.0 Answers 100% updated 2011](#) →

### **Leave a Reply**