



MULTIPLE CHOICE | FREE RESPONSE QUESTIONS

Information Technology Foundation Course



World ORT Union





DO



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Information Technology Foundation Course

MULTIPLE CHOICE QUESTIONS



NETWORKS

Answer the questions by putting the chosen letter in the box on the answer sheet or by circling the correct letter.

- 1 Give a definition of a network

A. A system to allow the user to make requests for information from the central computer
B. An organised way of storing information about a set of similar things
C. A system that receives data and messages enabling two or more computers to communicate
- 2 Which of the following elements does a Peer-to-Peer network require?

A. Workstations
B. Fileserver
C. Network interface cards
- 3 A company wishes to connect two sites in different parts of the country together. It is decided to use the telephone system. What device should be connected to the file servers on each site?

A. Router
B. Modem
C. CD-ROM
- 4 An accountant's office has four employees. They have four computers and two printers. What kind of network would you suggest they install?

A. Client / Server Network
B. Peer-to-Peer Network.
C. Intranet
- 5 A company is expanding rapidly, many new people are being employed and in addition the employees keep changing offices. The company wants to set up an Ethernet network. What physical topology would they use?

A. Bus
B. Star
C. Ring
- 6 What is a Local Area Network (LAN)?

A. Network within a building or site
B. Network across a city, country or even the world
C. Network that contains servers across the world
- 7 What is a file server?

A. A computer that performs a service for other computers
B. A computer that controls the printers on the network
C. A computer that stores files that are created by network users

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- 8 Describe the function of the hub at the centre of a star network.
- A. Device to store information temporarily then send it out to another destination on the network
 - B. Hardware device which will enable any printer to be connected to the network
 - C. A central location for the attachment of cabling from a number of PCs
- 9 What is the main function of a Network Protocol?
- A. A Protocol connects different physical network types together
 - B. A language that computers use to communicate with other computers
 - C. A Protocol speeds up the connection between computers
- 10 What is the Protocol used for the Internet?
- A. IPX/SPX
 - B. NetBIOS/NetBEUI
 - C. TCP/IP



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FREE RESPONSE QUESTIONS

These questions do not appear in the interactive DO IT course. If you want help to answer them you can use the navigation buttons to move to the relevant unit of the course. You may prefer to use the Contents listings. Write your answers on paper.



NETWORKS

- 1 Make a list of the advantages and disadvantages of client-server and peer-to-peer networks.
- 2 What is the difference between a LAN and a WAN?
- 3 What is the difference between:
 - a. a file server
 - b. a printer server
 - c. a web server
 - d. an Internet server
- 4 What are the advantages of fibre optic cables over electrical cables when connecting a network of computers?
- 5 Explain the difference between the Bus, Star and Ring methods of connecting a network of computers.
- 6 What is the difference between the Internet and an Intranet?
What are the advantages of a network of computers over a number of stand-alone computers?