

Microwave and MW Tower Quiz

Name: _____ Date: _____

1. What is the first task we would want to do when planning a WAN that utilizes MW towers for connection?
 - a. Purchase space on all high rise structures in the area
 - b. Find all depressions and purchase the properties
 - c. Make a map showing approximate location of the towers to provide universal coverage
 - d. Buy all the towers and antenna ahead of time

2. If we cannot string fiber optic or utilize satellites for our WAN, we can pick _____ to connect mobile users.
 - a. Coax cable
 - b. Ethernet cable
 - c. Telephone cable
 - d. MW technology

3. What is the biggest danger when using Microwave transmission to people and animals?

4. What is the approximate cost of preparing for, building a MW tower and assembling the antenna and cables?
 - a. \$150 to \$300
 - b. \$500 to \$1000
 - c. \$10000 to \$20000
 - d. \$50000 to \$150000

5. How far can we send a message using microwave transmissions?
 - a. 1 to 2 miles
 - b. 10 to 15 miles
 - c. 30 to 40 miles
 - d. 100 to 500 miles

6. How can we efficiently determine the number of Microwave towers close to us?
 - a. antennasearch.com
 - b. searchmwtower.com
 - c. findthetower.com
 - d. mwlocateit.com

7. What frequency do microwave antennas transmit and receive?
 - a. Low GHz
 - b. Low MHz
 - c. High GHz
 - d. High MHz

8. What is a device that both transmits and receives called?

9. After creating a map of possible MW tower locations, what would we want to do?
 - a. Build a MW tower at that location
 - b. Knock down all structures in the area around are intended site
 - c. Locate existing structures and try to rent space to mount our MW antennae
 - d. Drive around and meet everyone in all of the neighborhoods

10. What two approvals will we seek to install a MW antenna and tower?
 - a. FCC approval
 - b. CFC approval
 - c. City Engineer
 - d. Business approval

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