

Atmospheric Transmissions Question Pool

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1. The range of atmospheric transmissions is limited to (c).
 (a) the angle of the transmitting antenna
 (b) the height of the transmitting antenna
 (c) line of sight
 (d) speed of sound

2. Fire stations must share a common dispatch frequency for mutual aid, but are also able to ignore alerts that aren't directed toward them with the use of (c).
 (a) landline controllers
 (b) handshake repeaters
 (c) sub-audible tones
 (d) volume knobs

3. Radio signals traveling between two layers of cool dry air through a layer of warm moist air about a 1000 ft in the air is called (d).
 (a) ground waving
 (b) sandwiching
 (c) straight line propagation
 (d) tropospheric ducting

4. Water shot from a Super-Soaker is affected by gravity as radio waves are affected by (a).
 (a) layers of the atmosphere
 (b) line of sight barriers
 (c) refraction of hilltops
 (d) power from the transmitter

5. Multiple transmitting agencies which share and skip frequencies at random to acquire efficiency with the use of computers are on a communication system called (d).
 (a) data teletype
 (b) mobile relay
 (c) simplexing
 (d) trunking