

# Communication System Mechanic Trade Test Written Test Mock Paper

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# Communication System Mechanic Trade Test

## Written Test Mock Paper

1. What kind of device is used for balancing the uneven signal level?
  - a. Equalizer
  - b. Splitter
  - c. Combiner
  - d. Amplifier
2. In order to obtain good Signal to Noise Ratio (S/N) in an antenna system, the S/N ratio should be.
  - a. No requirement
  - b. A small ratio
  - c. A medium ratio
  - d. A large ratio
3. The main reason for twisting the two conducting wires of a UTP cable is to:
  - a. Prevent external interruption
  - b. Maintain a decent appearance
  - c. Prevent loosening of the cables
  - d. Facilitate production
4. When connecting a computer network, what is the minimum number of pairs of wires that an RJ45 connector needs?
  - a. 1 pair
  - b. 2 pairs
  - c. 3 pairs
  - d. 4 pairs
5. If you need to connect a Cat.5 UTP cable in the middle of wiring, what is the correct way to connect it?
  - a. RJ45 and "I"-shaped connector
  - b. Weld
  - c. Wire nut
  - d. Splicing
6. In household telephone connection, what is the minimum nos. of conductors need?
  - a. 1 piece
  - b. 2 pieces
  - c. 3 pieces
  - d. 4 pieces
7. More distributed output of a splitter will cause the output level:
  - a. Be lower
  - b. Be higher
  - c. Remain unchanged
  - d. Have no output
8. Which of the following types of cables are BNC plugs being used to connect?
  - a. Electricity cables
  - b. UTP cables
  - c. Optic fiber cables
  - d. Coaxial cables
9. What does the "Gain" of a TV antenna refer to?
  - a. Reception efficiency of the antenna
  - b. Height of the antenna
  - c. Reception angle of the antenna
  - d. Width of the antenna
10. The least directional antenna is:
  - a. T-shaped antenna
  - b. Diamond-shaped antenna
  - c. Loop antenna
  - d. Marconi antenna

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## Communication System Mechanic Trade Test Written Test Mock Paper (Con't)

11. Which of the following is not a component of an IBCCD system?
  - a. Rear system
  - b. Antenna equipment
  - c. Distribution system
  - d. Client
12. Generally, what is the arrangement for the grounding/earthing of coaxial cable?
  - a. Ground both
  - b. Neither of both is to be grounded
  - c. Ground the central conducting wire
  - d. Ground the outer conductor
13. The best angle for half wave antennas to receive electric waves is:
  - a. Perpendicular to the antenna
  - b. Parallel to the antenna
  - c. At a 30° angle to the antenna
  - d. At a 60° angle to the antenna
14. The function of a TV Signal Combiner is:
  - a. Combining audio signals
  - b. Combining low frequency signals
  - c. Combining video signals
  - d. Combining radio frequency signals
15. The Regulatory Authority of Hong Kong Telecommunication is:
  - a. Office of the Communications Authority
  - b. Electrical and Mechanical Services Department
  - c. Hong Kong Police
  - d. Hong Kong Customs
16. How many audio signals does a button of a telephone machine tone dialer make up of?
  - a. 1
  - b. 2
  - c. 3
  - d. 4
17. What is the minimum amount of "interest" as stated in Prevention of Bribery Ordinance?
  - a. \$100
  - b. \$200
  - c. \$500
  - d. No limited amount
18. A person should be serious at work and should uphold work ethics, including:
  - a. Appropriation of other's property
  - b. Craving for personal interest and neglecting the damages dealt to others
  - c. Accepting money and other advantages
  - d. Integrity, be honest and responsible, keep moral principles. Never corrupt and accept illegal advantage
19. When lifting heavy objects, which of the following methods is correct?
  - a. Correct posture should be used. Workers should remain upright in their back
  - b. Ask for a heavier load each time to hasten the process
  - c. Throw the object to higher places to strengthen the body
  - d. Hasten the speed of work suddenly
20. What happen if working under hot and humid environments for a long period?
  - a. Heat stroke
  - b. Temporary blindness
  - c. Hunger
  - d. Anaemia

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