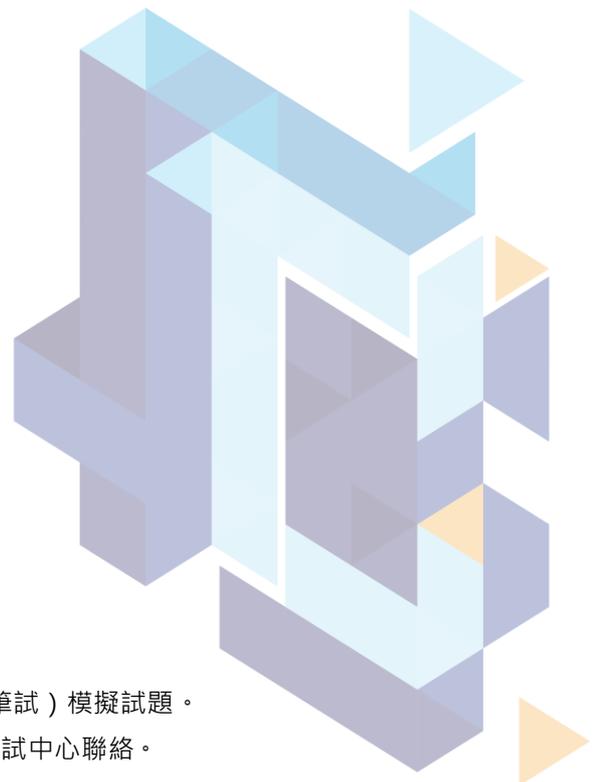


Building Security System Mechanic Trade Test Written Test Mock Paper

(Version : EBD-WM-EN-01)



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Building Security System Mechanic Trade Test

Written Test Mock Paper

1. What kind of permits should be applied for those who are engaged in "Security Alarm System" installation work for remuneration?
 - a. Category B Security Personnel Permit
 - b. Category D Security Personnel Permit
 - c. Electricity license of Class A or above
 - d. Any minor works license
2. The law stipulates that the security alarm bell installed in a building shall not sound for more than _____.
 - a. 5 minutes
 - b. 15 minutes
 - c. 30 minutes
 - d. 1 hour
3. Use a multimeter to test a BNC connection, which of the following results is normal?
 - a. Copper core to copper shield open circuit
 - b. Copper core to core open circuit
 - c. Copper shield to shield open circuit
 - d. Copper core to copper shield close circuit
4. 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
5. Where are door magnetic sensors not usually installed?
 - a. The floor
 - b. Metal gates
 - c. Windows
 - d. Doors
6. Which of the following items can be sensed by a dual detector?
 - a. Glass
 - b. A wooden partition
 - c. A wall
 - d. A moving object
7. What is the normal supply voltage (in Volts) in the circuit of an electric lock?
 - a. 12V
 - b. 110V
 - c. 220V
 - d. 380V
8. The candela of a camera is represented with which of the following units?
 - a. Watt
 - b. Ampere
 - c. Decibel, dB
 - d. Lux
9. What is the equipment that can display 4 video images on 1 surveillance TV screen at the same time?
 - a. A multiplexer
 - b. A quad time sequence switch
 - c. A quad subtitles display
 - d. A quad simultaneous magnifier
10. What signal does a closed-circuit television (CCTV) system generally transmit?
 - a. Microwave
 - b. Sound track
 - c. Radio
 - d. Video

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Building Security System Mechanic Trade Test Written Test Mock Paper (Con't)

11. Where are magnetic sensors usually installed in a security system?
- Doors and windows
 - Ceiling
 - Near the floor
 - Bathroom
12. When connecting a computer network, what is the minimum number of pairs of wires that an RJ45 connector needs?
- 1 pair
 - 2 pairs
 - 3 pairs
 - 4 pairs
13. A closed-circuit television (CCTV) system should not be used for which of the followings?
- The security of gardens
 - The security of offices
 - The security of car parks
 - The security of toilets
14. The electric lock of a building is usually opened with which of the following accessories?
- Wireless buttons
 - Light switch
 - Power switch
 - Common keys
15. What is the English abbreviation of a charge coupled device in a camera?
- CCD
 - CDD
 - DDC
 - DCD
16. What is the main function of a door magnetic contact sensor?
- Seek emergency help
 - Detect changes in temperature
 - Detect the movement of objects
 - Detect whether doors and windows are open
17. What is the minimum amount of "interest" as stated in Prevention of Bribery Ordinance?
- \$100
 - \$200
 - \$500
 - No limited amount
18. A person should be serious at work and should uphold work ethics, including:
- Appropriation of other's property
 - Craving for personal interest and neglecting the damages dealt to others
 - Accepting money and other advantages
 - Integrity, be honest and responsible, keep moral principles. Never corrupt and accept illegal advantage.

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19. When lifting heavy objects, which of the following methods is correct?
- Correct posture should be used. Workers should remain upright in their back.
 - Ask for a heavier load each time to hasten the process
 - Throw the object to higher places to strengthen the body
 - Hasten the speed of work suddenly
20. What may happen if working under hot and humid environments for a long period?
- Heat stroke
 - Temporary blindness
 - Hunger
 - Anaemia

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