



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Pipelayer Trade Test Mock Written Test Paper

此文件關於敷喉管工工藝測試考題。有需要索取此文件的中文版本，請致電 2100 9000 與香港建造業工藝測試中心聯絡。

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1. What should be the correct test pressure of the distribution mains in the water supply system relative to the incoming water pressure?
 - a. 1 time
 - b. 1.5 times
 - c. 2 times
 - d. 2.5 times

2. According to the Waterworks Ordinance (WWO), water samples from new fresh water supply system should be tested. Which items must be tested?
 - a. Lead concentration
 - b. Transmittance
 - c. Water density
 - d. All of the 3 options are required

3. What is the minimum width of the work platform on a double-layered scaffold?
 - a. 200mm
 - b. 400mm
 - c. 600mm
 - d. 800mm

4. How should a safety harness be worn?
 - a. The safety harness should be snaphook to same level than user's waist.
 - b. The safety harness should be snaphook to lower level than user's waist.
 - c. The safety harness should be snaphook to a higher level than user's waist.
 - d. Any one of the options.

5. Which of the following is the most effective method to put out fire?
 - a. Keep a clear passage and good ventilation.
 - b. No smoking and be careful when using electricity.
 - c. No welding and no open fire.
 - d. Cut the oxygen source, lower the temperature, empty the fuel.

6. Which of the following should be considered when designing a distribution pump set and pumping house?
 - a. It can be operated automatically and manually.
 - b. Enough space for operating and checking.
 - c. It has a back-up set of pumps.
 - d. All of the three options.

7. What does the “回” symbol on hand-held electrical tools mean?
 - a. It has a two speed motor.
 - b. It is waterproof.
 - c. It is double insulated. No earthing is needed.
 - d. It adheres to international quality standard.

8. What are the main functions of a threading machine?
 - a. Cutting, threading & reaming.
 - b. Threading, roll grooving & pipes assembling.
 - c. Cutting & roll grooving.
 - d. Threading, lubricating & reaming.

9. What is the correct way to handle water leak due to cracks on distribution pipes?
 - a. Weld with an arc welder.
 - b. Use hose clips and plastic sheets to wrap the cracks.
 - c. Replace the water pipes.
 - d. Use epoxy gel to fill the cracks.

10. Which of the following types of personnel is allowed to work in confined space?
- a. Holders of a valid certificate for working inside confined space
 - b. Foreman
 - c. Engineer
 - d. Company director
11. Which of the following does not adhere to the safety standards for digging?
- a. There is a sturdy ladder for climbing.
 - b. No sundries are allowed at the edge of holes.
 - c. There must be fences.
 - d. Shoring plates are installed to the ground.
12. Which of the following is the correct procedure to connect ductile iron pipes?
- a. Use clean cloth to clean the tube opening and the plastic o-ring seal.
 - b. Mark the bell mouth draft line on the tube.
 - c. Put on lubricating oil on the connecting ends of the tube and the bell mouth o-ring seal.
 - d. All procedures are necessary.
13. Which of the following is not a necessary step in a pressure test for water leak?
- a. Exhaust the pipes when injecting water.
 - b. For every 10 pounds/square inch added pressure, wait 10 minutes to see if there is bouncing off.
 - c. Heck if the draft line moves outward during pressurisation.
 - d. Make sure that the test pressure is adhered to the construction requirement.

14. Which of the following method can tighten flanges?
- Tighten clockwise.
 - Tighten anti-clockwise.
 - Tighten gradually in diagonal angles.
 - All 3 choices are applicable.
15. Which of the following methods is not suitable for connecting HDPE pipes?
- Using hex nuts
 - Electric melt insertion
 - Hot melt insertion
 - Electric melt connection
16. Which of the following is not a necessary step when hot melting HDPE pipes?
- Clamp the pipe with clamps.
 - Adjust the pipe's alignment.
 - Use a scraper knife to adjust the pipe surface.
 - Adjust the pipe's axis
17. Which type of lubricant should be used when connecting the plastic o-ring seals of the ductile iron pipes?
- Detergent
 - Water soluble lubricant
 - Oily lubricating oil(Grease/ Engine oil)
 - All 3 types are applicable.
18. In order to prevent backflow and contaminate fresh water, what does the Water Supplies Department install at the water meters?
- Fullway gate valve
 - Exhaust valve
 - Sprinkler alarm valve
 - Loose jumper type stopcock or non-return valve

19. How should electrical tool malfunction be handled during work?
- a. Stop operating and report to the supervisor to arrange repair.
 - b. Stop operating and try to repair it yourself.
 - c. Stop operating and put it back.
 - d. Stop operating. Stop working and wait until it is time to go home.
20. Which method adhere to the milling procedure requirement of HDPE pipe?
- a. Shave until the openings connect to each other perfectly.
 - b. The axis must be adjusted until straight.
 - c. The pipe ends should be cleanly milled.
 - d. All of the above

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