



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Concrete Trade Test Mock Written Test Paper

此文件關於混凝土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 kind of shoes should be worn when entering the construction site?
 - a. White canvas shoes
 - b. Safety shoes
 - c. Flip flops
 - d. Running shoes

2. What should be worn when working under noisy environment?
 - a. Ear protectors
 - b. Safety goggles
 - c. A safety harness
 - d. Safety shoes

3. When working at height, apart from wearing the safety helmet, you should appropriately use:
 - a. Hiking shoes
 - b. Cotton gloves
 - c. Protective goggles
 - d. The safety harness

4. Which part of the body is likely to get hurt if having an incorrect posture when handling heavy objects?
 - a. The neck
 - b. The chest
 - c. The calf
 - d. The waist

5. When using concrete pumps for concreting, what materials must be used in advance to lubricate the inner walls of the conveying pipes?
 - a. Tap water
 - b. Coarse aggregate
 - c. Grout
 - d. Fine aggregate

6. Why must we use a vibrator for jolt ramming of concrete during concreting?
- To keep the air in concrete
 - To expel the air from the inner part of concrete
 - As taught by experienced workers
 - To make the materials inside concrete to mix better
7. Which unit is generally used to count the number of concrete?
- cm
 - mm
 - m^3
 - m^2
8. Common size of a test cube for the compression test is:
- 200 x 200 x 200 (mm)
 - 150 x 150 x 150 (mm)
 - 25 x 25 x 25 (mm)
 - 250 x 250 x 250 (mm)
9. What is the feature of the concrete used in concrete pumps for concreting?
- With a low slump
 - The concrete is mixed with a large amount of cement
 - The humidity of the concrete must be very high
 - With a high slump
10. What is the name of the tool in the graph?
- A tool for slump test
 - A tool for ground investigation
 - A tool for test cube
 - A tool for plastering

11. Which is the way to connect concrete pump piles?
- A. Using alloy screws
 - B. Using metallic hose clips
 - C. Through welding
 - D. Through rope connection
12. What is the material generally used for the float (pallet) for concreting finishing?
- A. Plastics
 - B. Alloys
 - C. Wood
 - D. Metals
13. In accordance with the Prevention of Bribery Ordinance, the definition of "advantage" includes _____.
- A. loans and services only
 - B. personal services only
 - C. gifts, loans and services
 - D. loans only
14. What is the consequence if there is any act of bribery in the construction industry?
- A. Improve business environment
 - B. Create a fairer tendering
 - C. Lower the cost of construction
 - D. Lower the quality of the construction
15. In violating the section 9 of the Prevention of Bribery Ordinance, the maximum penalty is _____.
- A. a fine of \$500,000 fine and imprisonment for 7 years
 - B. a fine of \$10,000 fine and imprisonment for 1 year
 - C. an imprisonment for 10 years
 - D. an imprisonment for 20 years

16. Which of the following project is not the common bribery trap in the construction industry?
- A. Clerks of works
 - B. Voluntary service
 - C. Letting of works
 - D. Abuse of valuable information
17. Use on site platform, the working platform must be inspected as a matter of routine by a licensed supervisor and the form filled with the time recorded. The routine inspection should be carries out _____.
- A. every 12 days
 - B. every week
 - C. every 14 days
 - D. every month
18. According to the ordinance, which of the following cards should a worker possess when entering the construction site?
- A. Home return permit
 - B. Member card of the union
 - C. Medical card
 - D. A valid "green card"
19. The inspection time for Reports of Results of Inspections of Lifting Appliances (Form 1) is _____.
- A. once every two weeks
 - B. once a month
 - C. once every two months
 - D. once a week
20. The working platform must be built with palisades, the height of which is
- a. 900mm to 1150mm
 - b. 900mm - 1100mm
 - c. 850mm - 1100mm
 - d. 850mm to 1150mm