



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