



CONSTRUCTION  
INDUSTRY COUNCIL  
建造業議會

# **Carpenter (Formwork – Civil Construction ) (Striking ) Skilled Trade Test Mock Written Test Paper**

此文件關於木模板工(土木工程)(拆板)工藝測試考題。如有需要索取此文件的中文版本，請致電 2100 9232  
與工藝測試中心聯絡。

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## Trade Knowledge

1. To prevent accidents when carrying the crowbar on public transport, the striking worker will choose to:
  - A. Contain the crowbar in a wooden box
  - B. Contain the crowbar in a metal box
  - C. Seal off both ends of the crowbar with plastic sheet
  - D. Wrap the end of the crowbar with newspaper
  
2. In general who is supplying the crowbar specially used for striking?
  - A. The employer
  - B. The company
  - C. The supervisor
  - D. The striking worker
  
3. From which part should striking of a 5 m high fix-material retaining wall start?
  - A. Middle of the wall
  - B. Bottom of the wall
  - C. Top of the wall
  - D. No particular order
  
4. Striking of formwork of a 0.8 m X 1 m drain tunnel of a swimming pool should:
  - A. Start from the portal of the tunnel, clearing away the material at the same time
  - B. Start from the portal of the tunnel, clear away the material after completion
  - C. Start from the middle of the tunnel, clearing away the material at the same time
  - D. Start from the middle of the tunnel, clear away the material after completion
  
5. How should fibre (plastic) circular column formwork be struck?
  - A. Cut off the circular formwork horizontally into several sections and strike
  - B. Cut off the circular formwork vertically into several sections and strike
  - C. Should not damage the circular formwork during striking
  - D. Strike with heat treatment

6. Why flexible shore (生頂) has to be installed when striking ceiling formwork in a car park in general?
- A. To temporary support the timber on the ceiling
  - B. Specified by the company
  - C. Specified by the employer
  - D. Specified by the employer. ?
7. The law requires that persons striking formwork in a water tank must be:
- A. Skilled worker for timber formwork
  - B. Sub-contractor for timber formwork
  - C. Site general worker
  - D. Certified person for confined space
8. The correct procedure in striking ceiling formwork with falsework of two layers or above is:
- A. First strike the top and bottom layers falsework, then strike ceiling formwork
  - B. First strike the top layer falsework and ceiling formwork, then strike the bottom layer falsework
  - C. First strike the bottom layer falsework, then strike the top layer falsework and ceiling formwork
  - D. All three procedures above are correct
9. Before striking ceiling formwork, the worker must:
- A. Notify the company to assign a supervisor to monitor the striking area
  - B. Fully enclose the area with a warning sign of no unauthorized entry to the striking area
  - C. Send somebody to shout loudly that no unauthorized entry is allowed
  - D. Request the employer to monitor the striking area

10. How should the struck external wall formwork be handled?
- A. Throw them downstairs
  - B. Pile them up on the bamboo scaffold
  - C. Place them inside the floor
  - D. Place at will
11. What is the best cutting position (斷口位置) when striking sheet iron of external wall board (外皮牆板鐵皮)?
- A. Align with the concrete
  - B. 4 to 6 inches longer than the concrete
  - C. No need for cutting, leave sheet iron as long as possible
  - D. It doesn't matter whether the sheet iron is long or short
12. In general which board should be started with when striking ceiling formwork?
- A. Intact plywood
  - B. Gap filling board which is smaller
  - C. Board on the beam
  - D. Board on the wall
13. Which board should be started with when striking formwork of a fix-material partition wall (梗料間牆) with no top?
- A. The corner board (牆角板)
  - B. The spigot and socket board (公榫板)
  - C. The double socket board (雙榫板)
  - D. Any board at will

14. In general the best position to insert the crowbar when striking formwork of a fix-material partition wall (梗料間牆) is:
- A. The spigot of the wall board (牆板公位)
  - B. The socket of the wall board (牆板罅位)
  - C. The top of the partition wall
  - D. The bottom of the partition wall timber
15. Which of the following conditions is the best after striking formwork of a fix-material partition wall (梗料間牆)?
- A. Boards and timber separated after striking
  - B. Boards and timber joined after striking
  - C. Boards and timber chopped and notched after striking
  - D. In a mess after striking
16. The metal truss supporting the beam on the side of the wall gets slightly in the way when striking wall boards, you will:
- A. Dismantle the metal truss and reassemble it after striking
  - B. Although there is an obstruction, you will not dismantle the metal truss
  - C. Loosen the metal truss and move it away, put it back after striking
  - D. Any of the three methods above is okay

### Safety Questions

- A. Guard-rails shall be set up at locations in the site where human bodies may fall and the height is at least:
- 1. 300 mm
  - 2. 600 mm
  - 3. 900 mm
  - 4. 1150 mm

- B. Which of the following methods should be followed when workers move heavy loads?
1. Adopt correct posture with back straight as far as possible
  2. Try to move more each time to complete the work sooner
  3. Toss the loads to high place as far as possible to train up the body
  4. Suddenly speed up the work
- C. Which of the following is not a facility under the Construction Site (Safety) Regulations?
1. Sufficient and appropriate lighting equipment
  2. Group gambling venue not easy to be prosecuted
  3. Good and unobstructed means of escape
  4. Install safety fencing to prevent falling into water and drown
- D. Definition of work at height means the distance of working position from the ground is:
1. 1 m or above
  2. 2 m or above
  3. 3 m or above
  4. 4 m or above