



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Trackworker Trade Test Mock Written Test Paper

此文件關於鋪軌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. The right figure is called
 - A. Crossover
 - B. Turnout
 - C. Diamond Crossover
 - D. Scissors Crossover

2. Position of the arrow in the right figure is called
 - A. Shoulder
 - B. Kerb
 - C. Road Crown
 - D. Track bed

3. What is the advantage of the laying ballasted track?
 - A. Easy in laying, suitable for open section
 - B. Low cost in laying and less maintenance
 - C. Easy in laying, suitable for tunnel section
 - D. Low cost in laying, strong elastic, suitable for uneven settlement area.

4. For track tamping, which sleeper position should be tamping?
 - A. tamping full sleeper
 - B. tamping at 4 sides of sleeper
 - C. tamping at the middle of sleeper
 - D. No stipulation

5. To prevent continuous welded tracks from buckling, the new laid tracks should:
 - A. have rail fastenings in good conditions and clips with the right amount of toe load
 - B. have the correct rail tension
 - C. have sufficient, quality and well-stacked ballast
 - D. fulfil all of the above requirements

6. Handworked point maintenance includes
 - A. Tighten fastening screw and stretcher bar.
 - B. Remove rubbish on slide chair and greasing
 - C. Inspect point level, connector, bottom insert pin and spring
 - D. The above three items are needed

7. Which of the following is not a disadvantage of using wooden sleepers?
 - A. Low conductivity and elasticity, prone to damage, difficult for maintenance
 - B. Not suitable for frequent usage by trains, heavy maintenance work
 - C. Easily perishable, short expected life
 - D. Light in nature, weak connections with steel rails

8. Level differences may be resulted by replacing the heel of old switches of concrete roadbeds with the new lend rail. In such cases, one should
 - A. attach iron sheets onto the old switch rail
 - B. polish the old switch rail
 - C. polish the lend rail for smooth jointing
 - D. rectify with high-low fishplates

9. What is the function of check rails?
 - A. To protect and reinforce the stock rail
 - B. To ensure that derailment would not occur as wheel flange runs through the undesirable spaces of the frogs
 - C. To lead the trains to head straight or change directions
 - D. To rectify the gauge

10. Where are expansion joints of steel rails applied?
 - A. The junction between ballasted tracks and elevated railways
 - B. Elevated railways (bridges)
 - C. All of the above
 - D. None of the above

11. Which of the following is/are equipment for track reinforcement?
 - A. Ballast
 - B. Stabilized soil
 - C. Bridge support
 - D. Rail support, gauge tie rod, and anti-creep devices

12. Which of the following is/are materials to be prepared after the decision on steel replacement and before maintenance work
 - A. Bonding
 - B. High-low fishplates or gradient rail
 - C. Short steel pieces of appropriate length
 - D. All of the above

13. Which of the following types of roadbed is/are used in newly reclaimed road sections?
 - A. Floating slab track
 - B. ballast roadbed
 - C. Concrete roadbed
 - D. All of the above

14. Maintenance work for expansion fishplates of steel rails includes
 - A. Checking for ruptures
 - B. Removal of rusts
 - C. Greasing of fishplates
 - D. All of the above

15. Workers are often required to lift heavy objects during track maintenance. The correct posture of manually lifting heavy objects is:
 - A. keeping the back straight
 - B. keeping heavy objects close to the body
 - C. lifting heavy objects by distributing the weight evenly between arms and legs
 - D. all of the above

16. What is a roadbed?
- A. The layer of ballast on the road base
 - B. The layer of sleepers
 - C. The layer of soil under the ballast or concrete
 - D. The supporting layer of the railway bridge
17. Which of the following outdoor maintenance work is not suitable for carrying out when the day temperature reaches 30°C and there are plenty of sunlight?
- A. Track inspection
 - B. Dispatching of trains
 - C. Lifting and lining of steel rails
 - D. Signal maintenance
18. For the tamping of ballast tracks, track lifting and lining, one must be equipped with
- A. a generator, track lifting machine, and a electric breaker
 - B. a track gauge
 - C. a track thermometer
 - D. all of the above
19. What should be done if there are exposing wires for electric tools?
- A. Continue to use the tool until the work is done
 - B. Stop using the tool and report the incident to the superior
 - C. Put the damaged tool back in the storeroom and take another one without damage
 - D. Ignore the damage
20. What should be done after filling out the Track Tamping Record Form?
- A. Preserve the records properly
 - B. Dispose after the completion of track tramping work
 - C. Store in one's own storage locker
 - D. Notify recyclers for waste paper recycling