



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Trackworker Skilled Trade Test Mock Written Test Paper

此文件關於鋪軌大工工藝測試考題。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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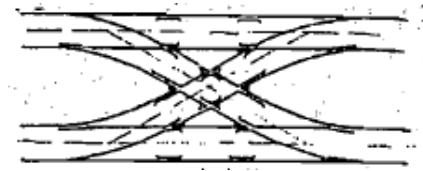
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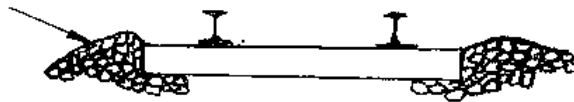
Kong

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1. The right figure is called
- (a) Turnout
 - (b) Crossover
 - (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. Which of the following type of rail would not be adopted in the railway track laid in Hong Kong?
- (a) UIC 50
 - (b) UIC 54
 - (c) UIC 60
 - (d) BS 90A
4. In general, the rail baseplate has the below inclination
- (a) 1:20 inward inclination
 - (b) 1:20 outward inclination
 - (c) 1:12 inward inclination
 - (d) vertical installation without inclination
5. In general, the thickness of the bottom ballast under the high speed railway track is not less than
- (a) 50mm
 - (b) 200mm
 - (c) 300mm
 - (d) 500mm

6. What is the advantage of the laying ballasted track?
- (a) Low cost in laying and less maintenance
 - (b) Low cost in laying, strong elastic, suitable for uneven settlement area.
 - (c) Easy in laying, suitable for open section
 - (d) Easy in laying, suitable for tunnel section
7. 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
8. To avoid the continuous welded rail track buckling, the new laying track should:
- (a) have sufficient, good and full ballast
 - (b) have correct rail stress
 - (c) Good rail fastening, rail clip has correct holding down force
 - (d) The above three items are need.
9. Which of the following methods can be used to rectify the widen rail joint gap 40mm led by the result of an incorrect rerailling measurement
- (a) Flame cutting 40mm length of rail and place onto the gap
 - (b) To replace the rail immediately if allowable
 - (c) Move crossing and switch to close the gap.
 - (d) Ignore
10. The reason of switch blade cannot close to stock rail
- (a) Obstacle; e.g. hard grease, ballast or loosen screw etc.,
 - (b) Stock rail lipping
 - (c) The worn slide chair draw block to cause wide gauge
 - (d) All the above answers are correct

11. 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
12. What are the advantages of the usage of concrete sleeper in laying track?
- (a) Good elastic, can absorb more than other sleeper trains on weight.
 - (b) No maintenance
 - (c) Heavy self-weight and higher strength, can prevent rail creep and increase of track stability.
 - (d) All the above three items are the advantages of concrete sleeper.
13. The rail temperature should be measured at what position of the rail?
- (a) Rail surface
 - (b) Rail weld away from the sun
 - (c) Rail foot away from the sun
 - (d) No stipulation
14. In general, the rail side wear can be found at
- (a) High Leg at the curve track
 - (b) Two rails at curve track
 - (c) Left Hand Rail at Straight Track facing normal train running direction
 - (d) Two rails at straight track
15. Track lifting and track tamping tool is
- (a) Tie bar, electric drill
 - (b) Hydraulic slew track machine
 - (c) Track lifting machine, Electric tamper, track Gauge
 - (d) Socket wrench and adjustable wrench

16. What method to connect rails for making long rail in the laying of continuous weld rail ?
- (a) Thermit Weld
 - (b) Arc Welding
 - (c) Gas tungsten arc welding
 - (d) Oxyacetylene welding
17. The replacement of insulated rail joint at low temperature should bring
- (a) Lifting Rail Head machine
 - (b) Screwing Machine
 - (c) Rail Grinding Machine
 - (d) Rail Tensor
18. When using a rail disc saw machine must wear
- (a) Goggle
 - (b) Ear plug, face Mask
 - (c) Safety Helmet, Safety Shoes
 - (d) The above three items are needed
19. Lifting device, e.g. chain blocks, sling, and leather belt shackle must give to authorized personnel on a regular basis for inspection
- (a) Once per day
 - (b) Once per week
 - (c) Once per month
 - (d) Once per year

20. Which of the following is the safety precaution for using cleaning solvent in the track maintenance?
- (a) When using cleaning solvent, wear leather gloves
 - (b) When using cleaning solvent, wear Plastic gloves
 - (c) When using cleaning solvent, wear Chemical corrosion-proof rubber gloves
 - (d) Depending on the working environment, the above answers can be used