



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Construction Plant Mechanic Trade Test Mock Written Test Paper

此文件關於建造機械技工工藝測試考題。如有需要索取此文件的中文版本，請致電 2100 9000 與香港建造業工藝測試中心聯絡。

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1. This symbol denotes :
 - (a) uni-directional constant pump
 - (b) bi-directional variable pump
 - (c) revolving constant motor
 - (d) revolving variable motor

2. Which one of the following type of control valves is denoted by this symbol ?
 - (a) pressure release valve
 - (b) vacuum meter
 - (c) energy reservator
 - (d) throttle valve

3. The correct sequence of tightening screws of the cylinder head should be :
 - (a) from right to left
 - (b) from left to right
 - (c) toward the centre
 - (d) away from the centre

4. The opening the inlet valve early and closing it late can :
 - (a) reduce abrasion of valve
 - (b) reduce explosion of engine
 - (c) reduce air leakage of valve
 - (d) increase the capacity efficiency of cylinder

5. Which of the following internal combustion engine components is used to control timing of inlet and exhaust valve during the piston motion ?
 - (a) connecting rod
 - (b) fly wheel
 - (c) crank shaft
 - (d) cam axial

6. For a hydraulic excavator undercarriage, which of the following components surrounds the motion structure ?
- (a) shoe plate
 - (b) track link
 - (c) sprocket
 - (d) lower roller
7. According to the provisions of the Construction Sites (Safety) Regulation, all types of lifting appliances and lifting gear should be :
- (a) disposed regularly
 - (b) inspected regularly
 - (c) installed with an air conditioner
 - (d) inspected and examined regularly
8. When there is a continuous oil leakage from the carburetor of a petrol driven poke vibrator, it reveals that :
- (a) the condition is normal
 - (b) the delta has raised
 - (c) has not been switched off
 - (d) the carburetor screws have not been tightened up
9. Which of the following reasons that makes starting or igniting of the petrol driven poker vibrator ?
- (a) petroleum has been used up
 - (b) high-voltage cable has been earthened
 - (c) spark plug does not function
 - (d) all of the above

10. Which of the following tools is represented by this symbol ?
- (a) socket
 - (b) ring spanner
 - (c) combination spanner
 - (d) adjustable spanner
11. Which of the following equipment can be used to measure the outer diameter of piping ?
- (a) outside caliper
 - (b) caliper
 - (c) both (a) and (b)
 - (d) neither (a) nor (b)
12. In electric system, this symbol denotes :
- (a) fuse
 - (b) diode
 - (c) transformer
 - (d) relay
13. The unit of co-efficient of electric current resistance is :
- (a) M
 - (b) G
 - (c) V
 - (d) Ωm
14. Which of the following materials has the best conductivity ?
- (a) copper
 - (b) silver
 - (c) iron
 - (d) chromium

15. What type of welding is denoted by this diagram ?
- (a) flat
 - (b) vertical
 - (c) horizontal
 - (d) upper
16. Which of the following components is denoted by this diagram ?
- (a) Argon meter
 - (b) flash back arrestor
 - (c) wire feed
 - (d) oxy-acetylene gauge
17. What will happen to welding seams when the electrode becomes damp during welding :
- (a) undercut
 - (b) porosity
 - (c) inclusion
 - (d) lead fire
18. Which of the following ways is **INCORRECT** in handling safety helmet ?
- (a) putting sticker or label on the helmet
 - (b) adding ear protector to the helmet
 - (c) drilling hole on the helmet
 - (d) using the mouth mask together with the helmet
19. According to the relevant regulation, any person entering the construction site should be at least :
- (a) 15 years old
 - (b) 16 years old
 - (c) 18 years old
 - (d) 20 years old

20. Before a bulldozer is repaired , it should be placed on :
- (a) inclined road
 - (b) level ground
 - (c) slope of a hill
 - (d) uneven ground