





**OBJECTIVE TYPE TEST TO THE POST OF OUTFIT ASSISTANT**  
**(CRANE OPERATOR) ON CONTRACT BASIS FOR CSL**

**PART A**

1. ISO 9001 stands for
  - a) Environmental Management System
  - b) Occupational Health & Safety Management System
  - c) Quality Management System
  - d) Energy Management System
  
2. Who is the current Vice President of India?
  - a) OM Birla
  - b) Rajendra Arlekar
  - c) Jagdeep Dhankhar
  - d) C. P. Radhakrishnan
  
3. Largest desert in the world.
  - a) Sahara Desert
  - b) Arabian Desert
  - c) Artic Desert
  - d) Antarctic Desert
  
4. The term of the President of India is.
  - a) 10 Years
  - b) 4 Years
  - c) 2 Years
  - d) 5 Years
  
5. Author of the book 'Khasakkinta Ithihasam'
  - a) O V Vijayan
  - b) Thakazhi Sivasankara Pillai
  - c) S K Potttekkadu
  - d) Malayattoor Ramakrishnan

6. \_\_\_\_\_ is the lightest metal on Earth?
- a) Lithium
  - b) Aluminium
  - c) Gold
  - d) Sodium
7. ISO standard for Safety?
- a) ISO 9001
  - b) ISO 14001
  - c) ISO 45001
  - d) ISO 50001
8. FIFA World Cup 2026 will be hosted by\_\_\_\_\_.
- a) United States of America
  - b) Mexico
  - c) Canada
  - d) All of the above.
9. A hockey team has \_\_\_\_\_ players on the field.
- a) 7
  - b) 11
  - c) 9
  - d) 8
10. \_\_\_\_\_ is the highest civilian award of the Republic of India.
- a) Padma Bhushan
  - b) Padma Shri
  - c) Bharat Ratna
  - d) Padma Vibhushan

**PART B**

11. Agency for star rating of electrical appliances in India.
- a) Bureau of Indian Standards
  - b) Central Electricity Authority
  - c) Factories and Boilers Department
  - d) Bureau of Energy Efficiency

12. DSL Stands for

- a) Down Shop Lead
- b) Dock Shop Lead
- c) Duct Shop Lead
- d) None of the above

13. How many people can give signals to operator?

- a) 1
- b) 2
- c) 1 or 2
- d) None of the above

14. When is a signal person required?

- a) When the operator cannot see the landing area
- b) When the operator cannot see the load
- c) When the operator see the path of travel of the load or crane
- d) All of the above

15. Micro Speed is generally \_\_\_\_\_% of normal speed in all motions.

- a) 30 to 50
- b) 50 to 75
- c) 20 to 30
- d) 5 to 10

16. Which instrument measures insulation resistance?

- a) Multimeter
- b) Voltmeter
- c) Megger
- d) Ammeter

17. Which material is a good conductor?

- a) Rubber
- b) Glass
- c) Plastic
- d) Copper

18. What is the unit of power?

- a) Volt
- b) Ampere
- c) Ohm
- d) Watt

19. Which motor is commonly used in electric cranes?

- a) DC motor
- b) Induction motor
- c) Stepper motor
- d) Servo motor

20. What is the purpose of limit switch in a crane?

- a) Increase speed
- b) Control voltage
- c) Prevent over-travel
- d) Reduce load

21. What does SWL stand for?

- a) Safe Working Load
- b) Standard Weight Limit
- c) System Working Level
- d) Safety Wire Load

22. Which device protects crane motor from overheating?

- a) Relay
- b) Contactor
- c) Overload relay
- d) Fuse

23. Which part rotates the crane horizontally?

- a) Hoist
- b) Trolley
- c) Slewing mechanism
- d) Hook

24. Which motor characteristic is preferred for cranes?

- a) Low starting torque
- b) High starting torque
- c) Constant speed only
- d) Low current

25. What is the function of a trolley in a crane?

- a) Lift load
- b) Move load horizontally
- c) Rotate crane
- d) Control speed

26. What type of rope is commonly used in cranes?

- a) Cotton rope
- b) Nylon rope
- c) Steel wire rope
- d) Plastic rope

27. What causes jerky crane movement?

- a) Smooth power supply
- b) Faulty controller
- c) Proper lubrication
- d) Correct alignment

28. Identify hand Signal.



- a) Move slowly
- b) Stop
- c) Raise boom
- d) Lower

29. Before lifting a load, the operator must check:

- a) The weight of the load
- b) That the path is clear
- c) The capacity of the crane
- d) All of the above

30. What should the operator do if communication is lost to the signal person?

- a) Continue with movement until told otherwise
- b) Stop movement until communication is restored
- c) Cable up until the load is in view
- d) Get out of the machine and check on the load

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