COCHIN SHIPYARD LIMITED
(A Govt. of India Enterprise)
KOCHI -15

PHASE - I
OBJECTIVE TYPE TEST FOR THE POST OF
SEMI SKILLED RIGGER FOR CSL

17 January 2026

DURATION OF THE TEST : 35 Minutes
MAXIMUM MARKS : 30 Marks

DO NOT OPEN THIS QUESTION PAPER-CUM-ANSWER BOOKLET UNTIL ASKED TO DO SO

GENERAL INSTRUCTIONS

1. **ANSWER ALL QUESTIONS**. There shall be no negative marks.
2. **Answers are to be marked using ✓ mark against the most appropriate option among the options provided in the Question Booklet using BALL POINT PEN**.
3. Rough work, if any, is to be done on space provided in the Question Booklet only. No separate sheet will be provided for rough work.
4. **Calculators, Mobile, Electronic items etc., are not permitted inside the examination hall.**
5. Candidates seeking, receiving and /or giving assistance during the test will be disqualified.
6. The right to exclude any question (s) from final evaluation rests with CSL.
7. Do not seek any clarification on any item in the Question Booklet. Use your judgment.

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Please fill in the following details using ball point pen.

Name of Candidate	
Registration No.	
Name of Post	
Signature of candidate	
Signature of invigilator	

THIS QUESTION PAPER-CUM-ANSWER BOOKLET SHOULD BE HANDED OVER TO THE INVIGILATOR ON COMPLETION OF THE TEST

PHASE - I

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PART A

1. Which river is the longest in India?

   a) Ganga

   b) Yamuna

   c) Narmada

   d) Krishna

2. The game of Cricket is played with how many players in one team?

   a) 9

   b) 10

   c) 11

   d) 12

3. The largest ocean in the world is …….

   a) Indian Ocean

   b) Artic Ocean

   c) Atlantic Ocean

   d) Pacific Ocean

4. Who discovered gravity?

   a) Isaac Newton

   b) Albert Einstein

   c) Thomas Edison

   d) Galileo

5. What does “WHO” stand for?

   a) World Health Organization

   b) World Help Office

   c) Water Health Organization

   d) World Human Office

6. What is 3/5 of 50?

   a) 20

   b) 25

   c) 30

   d) 35

7. What is 10% of 200 ?

   a) 10

   b) 20

   c) 30

   d) 40

8. The LCM of 4 and 6 is ?

   a) 8

   b) 10

   c) 12

   d) 14

9. If you toss a coin, the chance of getting “Heads” is ?

a) 1/4

b) 1/3

c) 1/2

d) 1

10. If a worker earns ₹150 per day, how much will he earn for 4 days?

a) 400

b) 500

c) 550

d) 600

PART B

11. The technique that uses two or more cranes to lift object that are too heavy or large for a single crane to handle ?

a) Tandem Lifting

b) Critical Lifting

c) Bi crane Lifting

d) Turning

12. All lifting associated gears are to be periodically load tested on an interval of _____

a) Monthly

b) Quarterly

c) Half Yearly

d) Annually

13. What is the minimum recommended sling angle for horizontal lifting ?

a) 30 Degree

b) 45 Degree

c) 60 Degree

d) Sling angle is not recommended

14. What should you do if you find a cut in a wire rope sling exceeding allowable limits?

a) Cover with grease

b) Repair with tape

c) Continue use carefully

d) Remove from service

15. Choose the term which is not related to unsafe rigging practice.

a) Pinch Points

b) Need for Softeners

c) Shock Load

d) Heaving

16. Type of overhead crane with a single or double girder supported by separate legs that moves on wheels or a rail along the track is called …….

a) EOT crane

b) Gantry crane

c) Tower crane

d) Semi gantry crane

17. Identify the below rigger signal -

Both arms extended, palms down, moving back and forth horizontally

a) Stop

b) Emergency stop

c) Lower

d) Swing

18. In a box to be weighed using crane, the weight is mentioned by the manufacturer in pounds. One pound is equal to ----- Kilograms

a) 2 Kg

b) 5 Kg

c) 0.45 Kg

d) 0.75 Kg

19. A rigger can use following type of communication with crane operator

a) Walkie Talkie

b) Hand Signal

c) Voice Communication

d) Any of the above

20. The strand of a rope is specifically made up of .....

a) helically laid wires

b) vertically laid wires

c) parellelly laid wires

d) horizontally laid wires

21. What does it mean by 6x19 wire construction ?

a) 6 strand with 19 wires in each strand

b) 19 strand with 6 wires in each strand

c) 19 wires in the core with 6 meter length

d) a strand with 19 wires and 6 meter length

22. Which is the ISO standard for inspection and testing of wire ropes ?

a) ISO 22000

b) ISO 4309

c) ISO 9000

d) None of these

23. The most commonly used type of synthetic web sling is.....

a) Polyster

b) Nylon

c) Cotton

d) Terri-cotton

24. Point(s) to check before lifting the load

a) assessment of expected/actual weight of the load

b) wire rope/belt angle and rated capacity

c) centre of gravity

d) all of these

25. What is the full form of LT in case EOT crane?

a) Limited Travel

b) Long Travel

c) Longitudinal Travel

d) Lengthy Travel

26. Select correct hand signal for retracting the boom in mobile cranes?

a) Both fists in front of body with thumbs pointing outwards

b) Both fists in front of body with thumbs pointing towards each other

c) Arm extended, palms down, move arms back and forth

d) None of these

27. In case of overhead cranes, trolly moves over which component?

a) Runway

b) Bridge

c) Rail

d) None of theses

28. Out of the following types of cranes, which is the odd one?

a) Gantry crane

b) Cantilever crane

c) Mobile crane

d) Overhead crane

29. Out of the following types of material handling equipments, which is the odd one?

a) fork lift

b) hand palette truck

c) electric stacker

d) mobile crane

30. Identify the rigging knot

a) Cow Hitch

b) Clove Hitch

c) Figure Eight

d) Bow Line

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