

COCHIN SHIPYARD LIMITED

(A Govt. of India Enterprise)

KOCHI -15

**OBJECTIVE TYPE WRITTEN TEST TO THE POST OF
OUTFIT ASSISTANT (ELECTRICIAN)**

20 APRIL 2024

DURATION OF THE TEST : 35 Minutes

MAXIMUM MARKS : 30

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.

✂-----✂-----✂

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

OBJECTIVE TYPE TEST FOR THE POST OF OUTFIT ASSISTANT (ELECTRICIAN) ON CONTRACT BASIS FOR CKSRU

PART A

1. NTC stands for.....
 - a) National Trade Certificate
 - b) National Training certificate
 - c) National Trade Council
 - d) National Training Council

2. World AIDS day ?
 - a) January 31
 - b) August 9
 - c) December 1
 - d) October 20

3. Winner of ICC Under 19 World cup 2024 winner ?
 - a) India
 - b) Australia
 - c) Pakistan
 - d) South Africa

4. The first woman Governor of a state in free India was
 - a) Mrs. Indira Gandhi
 - b) Mrs. Vijaya Laxmi Pandit
 - c) Mrs. Sarojini Naidu
 - d) Mrs. Sucheta Kripalani Answer

5. What is UCC stands for?
 - a) Unity in Civil Code
 - b) Uniform Civil Code
 - c) Union Civil Code
 - d) Union of Civil Code

6. Which of the following is / are operating systems?

- a) Windows
- b) UNIX
- c) Linux
- d) All of the above

7. Cultural capital of Kerala?

- a) Thiruvananthapuram
- b) Thrissur
- c) Kozhikode
- d) Wayanad

8. Iron man of India?

- a) Sardar Vallabhabhai Patel
- b) Radhakrishnan
- c) Mahathmagandhi
- d) Raja Ramayya

9. India's first indigenous air craft carrier?

- a) INS Mumbai
- b) INS Kavaratti
- c) INS Vikramaditya
- d) INS Vikrant

10. Who is the present Minister of Finance of India ?

- a) Nirmal Sitharaman
- b) Rajnath Singh
- c) Amit Shah
- d) Nitin Ghadkari

PART B

11. Correct form of ohm's law?

- a) $I = VR$
- b) $V = I$
- c) $V = IR$
- d) None of the above

12. _____ stores charge?

- a) Capacitors
- b) Resistors
- c) Both a and b
- d) None of the above

13. Battery charging equipment is generally installed?

- a) In well ventilated location
- b) In clean and dry place
- c) As near as practical to the battery being charged
- d) In location having all above features

14. A CT is connected in _____ with the line

- a) Series
- b) Parallel
- c) Both a & b
- d) None of the above

15. What is the component that converts an electrical signal into a signal suitable for transmission in a given medium called?

- a) Transmitter
- b) Receiver
- c) Amplifier
- d) Duplexer

16. The capacity of a battery is expressed in terms of

- a) Current rating
- b) Voltage rating
- c) Ampere hour rating
- d) None of the above

17. Which of the following materials is used as an insulator in electrical wiring?

- a) Copper
- b) Aluminum
- c) Rubber
- d) Silver

18. A CRO is a

- a) Cathode Ray Oscillator
- b) Cathode Ray Oscilloscope
- c) Capacitor – Resistor Oscillator
- d) Capacitor – Resistor Output

19. What does LED stand for?

- a) Light Emitting Display
- b) Low Energy Display
- c) Light Emitting Diode
- d) Light Emitting Detector

20. What is the primary function of a transformer in an electrical system?

- a) Voltage regulation
- b) Current regulation
- c) Power factor correction
- d) Frequency modulation

21. Which of the following instruments is used to measure electrical resistance?

- a) Ammeter
- b) Voltmeter
- c) Ohmmeter

d) Wattmeter

22. What is the purpose of a fuse in an electrical circuit?

- a) To regulate voltage
- b) To control current
- c) To provide insulation
- d) To interrupt the circuit in case of excess current

23. The most commonly used semiconductor is

- a) Germanium
- b) Silicon
- c) Carbon
- d) Sulphur

24. What is the full form of abbreviation UPS

- a) Uniform power supply
- b) Universal power supply
- c) Unregulated power supply
- d) Uninterrupted power supply

25. In a three-phase power system, the voltage between any two phases is known as:

- a) Line voltage
- b) Phase voltage
- c) Root mean square (RMS) voltage
- d) Peak voltage

26. What does the term "earthing" in electrical systems refer to?

- a) Connecting to a power source
- b) Providing a path for electric current to the ground
- c) Generating electrical energy
- d) Insulating the circuit

27. Which type of soldering flux is used for soldering galvanized iron?

- a) Rosin
- b) Zinc chloride
- c) Sal ammonia
- d) Hydrochloric acid

28. What is the unit of insulation resistance?

- a) Ohm
- b) Kilo ohm
- c) Milli ohm
- d) Mega ohm

29. What is the name of the wire joint?

- a) Aerial tap joint
- b) Knotted tap joint
- c) Duplex cross-tap joint
- d) Double cross-tap joint

30. If two resistors of same value are placed in series, the final resistance is,

- a) Double
- b) Lower
- c) The same
- d) Half
