

Duration: 30 Mins

Total Marks: 25

Q.ID: ITISKILL6935ZF

1. Which device used to increase the torque?

- A) Flywheel
- B) Engine
- C) Gear reduction drive
- D) Clutch

Answer: C) Gear reduction drive

2. Which is the Biological hazard?

- A) Sickness
- B) Infection
- C) Smoking
- D) Poor discipline

Answer: B) Infection

3. Which is the fuel system adopted in the modern marine engines?

- A) In-line pump
- B) Rotary pump
- C) Reciprocating pump
- D) CRDI

Answer: D) CRDI

4. How the water circulation is obtained in thermosyphon system?

- A) By density of water of hot and cold water
- B) By forced feed of water
- C) By gravity of water
- D) By water jackets

Answer: A) By density of water of hot and cold water

5. What is the material of piston pins?

- A) Cast iron
- B) Bronze
- C) Nickel chromium steel
- D) HSS

Answer: C) Nickel chromium steel

6. Where is the thermostat valve fitted in pressurised cooling system?

- A) Water outlet of water jacket
- B) Water outlet of water pump
- C) Water outlet of cylinder head
- D) Water outlet of radiator

Answer: C) Water outlet of cylinder head

7. Which is the most preferred starting system in LMV?

- A) Hand cranking
- B) Compressed air cranking
- C) Gasoline engine cranking
- D) Electric motor cranking

Answer: D) Electric motor cranking

8. What is the name the portion below the piston boss?

- A) Land of the piston
- B) Skirt of the piston
- C) Crown of the piston
- D) Ring section of the piston

Answer: B) Skirt of the piston

9. Which is joining piston and connecting rod?

- A) Gudgeon pin
- B) Cam shaft
- C) King pin
- D) Rocker arm

Answer: A) Gudgeon pin

10. Which part prevent leakage of water in the water pump?

- A) Seal
- B) Bearing
- C) Pulley
- D) Impeller

Answer: A) Seal

11. How many equal thimble divisions are made in outside micrometer?

- A) 60 Divisions
- B) 30 Divisions
- C) 40 Divisions
- D) 50 Divisions

Answer: D) 50 Divisions

12. Which is the fixed measuring face of micrometer?

- A) Barrel
- B) Spindle
- C) Thimble
- D) Anvil

Answer: D) Anvil

13. Which tool used to remove the crank shaft pulley?

- A) Double end spanner
- B) Pipe wrench
- C) Puller
- D) Ring spanner

Answer: C) Puller

14. Which is the motive of occupational health and safety?

- A) Minimising productivity
- B) Decrease employee morale
- C) Reducing absentism
- D) Decreasing the quality

Answer: C) Reducing absentism

15. Which part helps to decipate the heat in air cooling engine?

- A) Engine piston
- B) Density of water
- C) Engine crank shaft
- D) Cylinder and head fins

Answer: D) Cylinder and head fins

16. What is the measuring instrument used to find the diameter of piston

- A) Outside micrometer
- B) Three point internal micrometer

- C) Depth micrometer D) Inside micrometer

Answer: A) Outside micrometer

17. Which part drive oil pump?

- A) Cam Shaft B) Crank Shaft
C) Timing gears D) Crank pulley

Answer: A) Cam Shaft

18. Which engine is used sea water cooling, water cooled?

- A) Heavy vehicle engine B) Marine engine
C) Light motor vehicle engine D) Aircraft engine

Answer: B) Marine engine

19. Which instrument is used to check the leakage of the cylinder?

- A) Compression gauge B) Dial gauge
C) Wire gauge D) Vacuum gauge

Answer: D) Vacuum gauge

20. Which system an accumulator is used?

- A) Cooling system B) Electrical system
C) Hydraulic system D) Starting system

Answer: C) Hydraulic system

21. Where the air starting system is used?

- A) Bikes B) Trucks
C) Cars D) Marine

Answer: D) Marine

22. Which type of personal protection recommended to handle loads with rough surfaces and pointed projections?

- A) Paper gloves B) Polythene gloves
C) Leather gloves D) Rubber gloves

Answer: C) Leather gloves

23. What is firing order?

- A) Sequence of suction stroke occurrence B) Sequence of exhaust stroke occurrence
C) Sequence of compression stroke occurrence D) Sequence of power stroke occurrence

Answer: D) Sequence of power stroke occurrence

24. Which is chemical Hazard?

- A) Vibration B) Noise
C) Radiation D) Film resistor

Answer: C) Radiation

25. What is the least count of the metric outside micrometer?

- A) 0.00001 mm B) 0.01 mm
C) 0.10 mm D) 0.0001 mm

Answer: B) 0.01 mm