

# ITI Quiz - 31-Mar-2026

## 06:42 PM

Q. ID: ITISKILL7319KH

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Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which part is lubricated by splash lubrication system?

- A) Cylinder wall
- B) Timing gears
- C) Main journal
- D) Crank pin

2. Which part is used to pump the water in water pump?

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

3. What is the main purpose of the lubricant?

- A) Minimise the friction
- B) Increase the wearness
- C) Increase the friction
- D) Increase the noise

4. Which types of cooling system the rate of cooling is very low?

- A) Pump circulation system
- B) Forced feed system
- C) Air cooling system
- D) Thermo siphon system

5. Which engine is used the Petrol oil lubrication system?

- A) Four stroke engine
- B) Steam engine
- C) Battery car
- D) Two stroke engine

6. Which part drives the oil pump?

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

7. Which one is the properties of lubricant

- A) Boiling temperature should be low
- B) Should develop foam
- C) Oil viscosity should not be same in hot and cold condition
- D) Oil viscosity should be suit the operating conditions

8. When it is required to change the water pump bearing?

- A) Water leakage
- B) Bearing noisy
- C) Low water pressure
- D) Fan belt loose

9. Where the metal fins are provided in the air cooled engine?

- A) Intake manifold
- B) Valve door
- C) Exhaust pipe
- D) Cylinder and head

10. Which type of pump is used in water cooling system?

- A) Centrifugal pump
- B) Diaphragm pump
- C) Gear pump
- D) Reciprocating pump

11. How the water pump get drive in pump circulation cooling system?

- A) By gear
- B) By coupling
- C) By chain
- D) By belt

12. Where heat dissipation take place in cooling system?

- A) Water jackets
- B) Water pump
- C) Fan
- D) Radiator

13. What is the effect if thermostat valve is struck?

- A) Engine does not start
- B) Engine gets over heating
- C) Engine does not stop
- D) Engine gets over cooling

14. What is the purpose of water pump in cooling system?

- A) Flushing out the cooling system
- B) Reduce the water pressure
- C) Increase the water temperature
- D) Force the water circulation

15. What is the purpose of the radiator in the cooling system?

- A) Cool the hot air
- B) Cool the hot water
- C) Cool the hot oil
- D) Cool the water pump

16. What is the effect if the radiator cores are clogged?

- A) Stop coolant flow
- B) Increase coolant flow
- C) Free coolant flow
- D) Slow coolant flow

17. Which part helps to increase the water boiling point in water cooling system?

- A) Radiator core tubes
- B) Radiator cap
- C) Radiator hose
- D) Radiator fins

18. How many valves are used in radiator cap?

- A) Two valves
- B) One valve

C) Three valves

D) Four valves

**19.** Which mixture is used in radiator reverse flushing cleaning?

A) Flushing water with engine oil

B) Flushing water with soap oil

C) Flushing water with coolant oil

D) Flushing water with air (gun) pressure

**20.** What is the purpose of a radiator pressure cap?

A) Maintain the water temperature

B) Retain the vacuum pressure

C) Retain the atmospheric pressure

D) Release the excess pressure

**21.** Which lubrication system is used separate oil tank?

A) Dry sump lubrication

B) Petrol - oil lubrication

C) Wet sump lubrication

D) Splash lubrication

**22.** When the thermostat valve open in engine?

A) Freezing temperature of engine

B) High temperature of engine

C) Operating temperature of engine

D) Low temperature of engine

**23.** What is the reason pump does not suck the oil?

A) More backlash

B) Filter clogged

C) Relief valve struck

D) Less radial clearance

**24.** Which oil is used in cooling system?

A) Coolant oil

B) Mineral oil

C) Hydraulic oil

D) Lubricant oil

**25.** What is the purpose of metal fins in air cooling system?

A) Supply the heat

B) Reduce the heat

C) Increase the heat

D) Maintain the heat

**26.** Which part allows to flow water from upper tank to lower tank of the radiator?

A) Core tubes

B) Bottom hole

C) Fins

D) Water pump

**27.** Which type of lubrication system is used in two stroke engine?

A) Dry sump lubrication

B) Splash lubrication

C) Petrol-oil lubrication

D) Wet sump lubrication

**28.** What is the purpose of the dip stick used in the engine?

A) To check oil level

B) To check oil density

C) To check oil pressure

D) To check oil temperature

**29.** How oil deliver from the crank shaft main bearings to connecting rod bearings?

A) Through vibration damper

B) Through drilled oil passages

C) Through sprocket

D) Through crank pulley

**30.** What is the cause of water leakage in water pump?

A) Worn out impeller

B) Worn out seal

C) Worn out shaft

D) Worn out bearing

**31.** Which system the gear type oil pump is used?

A) Fuel system

B) Lubrication system

C) Cooling system

D) Air conditioning system