

# ITI Quiz - 25-Mar-2026

## 05:41 PM

Q. ID: ITISKILL397760

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____	Roll No: _____
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1. What is the purpose of the dip stick used in the engine?

- A) To check oil level
- B) To check oil pressure
- C) To check oil temperature
- D) To check oil density

2. When the thermostat valve open in engine?

- A) High temperature of engine
- B) Operating temperature of engine
- C) Low temperature of engine
- D) Freezing temperature of engine

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

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

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

- A) Splash lubrication
- B) Wet sump lubrication
- C) Dry sump lubrication
- D) Petrol-oil lubrication

5. What is the purpose of a radiator pressure cap?

- A) Retain the atmospheric pressure
- B) Release the excess pressure
- C) Retain the vacuum pressure
- D) Maintain the water temperature

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

- A) Fins
- B) Water pump
- C) Bottom hole
- D) Core tubes

7. Which oil is used in cooling system?

- A) Hydraulic oil
- B) Lubricant oil
- C) Mineral oil
- D) Coolant oil

8. Which mixture is used in radiator reverse flushing cleaning?

- A) Flushing water with air (gun) pressure
- B) Flushing water with coolant oil
- C) Flushing water with soap oil
- D) Flushing water with engine oil

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

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

10. What is the cause of water leakage in water pump?

- A) Worn out bearing
- B) Worn out impeller
- C) Worn out seal
- D) Worn out shaft

11. Which lubrication system is used separate oil tank?

- A) Splash lubrication
- B) Dry sump lubrication
- C) Petrol - oil lubrication
- D) Wet sump lubrication

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

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

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

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

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

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

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

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

16. Which part drives the oil pump?

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

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

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

18. Which part is lubricated by splash lubrication system?

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

19. Which system the gear type oil pump is used?

- A) Fuel system
- B) Lubrication system
- C) Air conditioning system
- D) Cooling system

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

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

21. Which one is the properties of lubricant

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

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

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

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

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

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

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

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

- A) Through drilled oil passages
- B) Through vibration damper
- C) Through crank pulley
- D) Through sprocket

26. What is the main purpose of the lubricant?

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

27. How many valves are used in radiator cap?

- A) One valve
- B) Three valves
- C) Four valves
- D) Two valves

28. Where heat dissipation take place in cooling system?

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

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

- A) Increase the heat
- B) Maintain the heat
- C) Supply the heat
- D) Reduce the heat

30. What is the reason pump does not suck the oil?

- A) Relief valve struck
- B) Filter clogged
- C) More backlash
- D) Less radial clearance

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

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