

# ITI Quiz - 29-Apr-2026

## 07:44 PM

Q. ID: ITISKILL4612AQ

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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

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

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

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

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

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

11. Which lubrication system is used separate oil tank?

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

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

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

12. When the thermostat valve open in engine?

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

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

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

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

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

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

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

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

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

6. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

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

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

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

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

9. Which part drives the oil pump?

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

18. 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 engine oil
- D) Flushing water with soap oil

10. How many valves are used in radiator cap?

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

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

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

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

21. Which part is lubricated by splash lubrication system?

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

22. What is the main purpose of the lubricant?

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

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

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

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

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

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

- A) By chain
- B) By gear

C) By belt

D) By coupling

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

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

27. Which one is the properties of lubricant

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

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

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

29. Which oil is used in cooling system?

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

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

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

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

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