

# ITI Quiz - 29-Mar-2026

## 06:55 PM

Q. ID: ITISKILL8084ZD

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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

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

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

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

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

3. How many valves are used in radiator cap?

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

4. Which lubrication system is used separate oil tank?

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

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

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

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

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

7. Where heat dissipation take place in cooling system?

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

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

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

9. Which part drives the oil pump?

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

10. What is the purpose of the radiator in the cooling

system?

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

11. Which oil is used in cooling system?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

22. Which part is lubricated by splash lubrication system?

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

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

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

24. What is the main purpose of the lubricant?

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

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

- A) Air cooling system
- B) Pump circulation system

C) Thermo siphon system      D) Forced feed system

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

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

27. 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

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

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

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

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

30. 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

31. Which one is the properties of lubricant

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