

# ITI Quiz - 03-Mar-2026

## 10:06 PM

Q. ID: ITISKILL1835RF

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL1835RF

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

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

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

C) Through vibration damper D) Through sprocket

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

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

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

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

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

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

11. How many valves are used in radiator cap?

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

4. Which part is lubricated by splash lubrication system?

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

12. Which one is the properties of lubricant

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

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

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

13. 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

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

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

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

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

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

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

15. Where heat dissipation take place in cooling system?

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

8. Which oil is used in cooling system?

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

16. Which lubrication system is used separate oil tank?

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

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

- A) Through drilled oil passages  
B) Through crank pulley

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

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

18. Where the metal fins are provided in the air cooled

engine?

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

19. When the thermostat valve open in engine?

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

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

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

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

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

22. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

31. What is the main purpose of the lubricant?

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