

# ITI Quiz - 31-Mar-2026

## 06:54 PM

Q. ID: ITISKILL89932P

March 2026

Question Paper

Duration: 31 Mins

Total Marks: 31

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

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

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

C) Dry sump lubrication

D) Petrol-oil lubrication

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

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

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

- A) Intake manifold  
C) Valve door

- B) Exhaust pipe  
D) Cylinder and head

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

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

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

- A) Increase the water temperature

- B) Force the water circulation

- C) Flushing out the cooling system

- D) Reduce the water pressure

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

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

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

- A) By coupling  
C) By chain

- B) By belt  
D) By gear

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

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

13. When the thermostat valve open in engine?

- A) High temperature of engine

- B) Low temperature of engine

- C) Freezing temperature of engine

- D) Operating temperature of engine

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

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

14. What is the main purpose of the lubricant?

- A) Increase the friction  
C) Minimise the friction

- B) Increase the noise  
D) Increase the wearness

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

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

15. 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) Oil viscosity should be suit the operating conditions

- D) Should develop foam

8. How many valves are used in radiator cap?

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

16. Which lubrication system is used separate oil tank?

- A) Splash lubrication

- B) Dry sump lubrication

- C) Wet sump lubrication

- D) Petrol - oil lubrication

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

- A) Wet sump lubrication                    B) Splash lubrication

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

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

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

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

19. 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 water  
D) Cool the hot oil

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

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

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

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

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

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

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

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

24. Which part is lubricated by splash lubrication system?

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

25. Where heat dissipation take place in cooling system?

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

26. Which part drives the oil pump?

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

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

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

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

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

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

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

30. Which oil is used in cooling system?

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

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

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