

# ITI Quiz - 01-May-2026

## 07:43 PM

Q. ID: ITISKILL414001

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 25

ID: ITISKILL414001

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

1. Where heat dissipation take place in cooling system?

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

2. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

7. Which part drives the oil pump?

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

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

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

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

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

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

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

11. Which part is lubricated by splash lubrication system?

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

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

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

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

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

14. Which lubrication system is used separate oil tank?

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

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

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

16. 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

17. 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

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

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

19. 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

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

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

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

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

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

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

23. What is the main purpose of the lubricant?

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

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

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

25. Which oil is used in cooling system?

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