

# ITI Quiz - 28-Apr-2026

## 12:40 PM

Q. ID: ITISKILL72228M

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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

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

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

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

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

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

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

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

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

5. Which lubrication system is used separate oil tank?

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

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

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

7. Which one is the properties of lubricant

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

8. Which part is lubricated by splash lubrication system?

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

9. How many valves are used in radiator cap?

- A) Two valves
- B) Four valves

C) One valve

D) Three valves

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

19. Which part drives the oil pump?

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

20. Which oil is used in cooling system?

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

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

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

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

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

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

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

24. What is the main purpose of the lubricant?

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

25. Where heat dissipation take place in cooling system?

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

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

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

27. 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 density  
D) To check oil level

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

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

29. When the thermostat valve open in engine?

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

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

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

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

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