

# ITI Quiz - 16-Mar-2026

## 07:30 PM

Q. ID: ITISKILL9121CT

March 2026

Question Paper

Duration: 3 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) Core tubes                      B) Bottom hole  
C) Fins                                D) Water pump

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

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

3. Which lubrication system is used separate oil tank?

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

4. Which part drives the oil pump?

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

5. 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13. 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

14. How many valves are used in radiator cap?

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

15. When the thermostat valve open in engine?

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

16. Which one is the properties of lubricant

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

17. 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 air (gun) pressure                    D) Flushing water with soap oil

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

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

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

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

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

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

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

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

22. What is the main purpose of the lubricant?

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

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

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

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

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

25. Which part is lubricated by splash lubrication system?

- A) Cylinder wall
- C) Main journal

- B) Timing gears
- D) Crank pin

26. Which oil is used in cooling system?

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

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

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

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

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

29. Where heat dissipation take place in cooling system?

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

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

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

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

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