

# ITI Quiz - 16-Mar-2026

## 07:30 PM

Q. ID: ITISKILL9121CT

March 2026

Answer Key

Duration: 3 Mins

Total Marks: 31

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

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

**Answer: A) Worn out seal**

2. How many valves are used in radiator cap?

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

**Answer: B) Two valves**

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

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

**Answer: A) Two stroke engine**

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

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

**Answer: A) Core tubes**

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

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

**Answer: D) Cool the hot water**

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

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

**Answer: D) Bearing noisy**

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

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

**Answer: C) Lubrication system**

8. Which part is lubricated by splash lubrication system?

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

**Answer: A) Cylinder wall**

9. 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

**Answer: A) Stop coolant flow**

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

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

**Answer: B) Radiator cap**

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

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

**Answer: A) Through drilled oil passages**

12. When the thermostat valve open in engine?

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

**Answer: B) Operating temperature of engine**

13. Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

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

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

**Answer: C) To check oil level**

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

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

**Answer: B) Centrifugal pump**

16. What is the main purpose of the lubricant?

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

**Answer: D) Minimise the friction**

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

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

**Answer: A) Engine gets over heating**

18. Which lubrication system is used separate oil tank?

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

**Answer: B) Dry sump lubrication**

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

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

**Answer: C) Flushing water with air (gun) pressure**

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

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

**Answer: B) Reduce the heat**

21. 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

**Answer: A) Release the excess pressure**

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

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

**Answer: D) Cylinder and head**

23. Where heat dissipation take place in cooling system?

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

**Answer: A) Radiator**

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

- A) Forced feed system        B) Pump circulation system

- C) Thermo siphon system    D) Air cooling system

**Answer: C) Thermo siphon system**

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

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

**Answer: C) By belt**

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

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

**Answer: B) More backlash**

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

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

**Answer: B) Impeller**

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

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

**Answer: A) Force the water circulation**

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

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

**Answer: B) Petrol-oil lubrication**

30. Which one is the properties of lubricant

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

**Answer: B) Oil viscosity should be suit the operating conditions**

31. Which oil is used in cooling system?

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

**Answer: A) Coolant oil**