

# ITI Quiz - 29-Apr-2026

## 12:46 PM

Q. ID: ITISKILL3354IU

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

**Answer: D) By belt**

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

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

**Answer: C) Lubrication system**

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

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

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

4. Which lubrication system is used separate oil tank?

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

**Answer: D) Dry sump lubrication**

5. Which part is lubricated by splash lubrication system?

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

**Answer: B) Cylinder wall**

6. Which one is the properties of lubricant

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

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

7. How many valves are used in radiator cap?

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

**Answer: B) Two valves**

8. 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**

9. Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

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

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

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

11. When the thermostat valve open in engine?

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

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

12. 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

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

13. 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**

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

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

**Answer: D) Radiator cap**

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

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

**Answer: A) Core tubes**

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

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

**Answer: A) Impeller**

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

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

**Answer: D) Centrifugal pump**

18. 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

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

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

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

**Answer: A) Bearing noisy**

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

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

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

21. Where heat dissipation take place in cooling system?

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

**Answer: D) Radiator**

22. Which oil is used in cooling system?

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

**Answer: D) Coolant oil**

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

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

**Answer: B) Stop coolant flow**

24. What is the main purpose of the lubricant?

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

**Answer: A) Minimise the friction**

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

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

**Answer: C) More backlash**

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

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

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

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

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

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

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

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

**Answer: D) Reduce the heat**

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

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

**Answer: C) Two stroke engine**

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

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

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

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

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

**Answer: A) Cylinder and head**