

# ITI Quiz - 30-Mar-2026

## 06:37 PM

Q. ID: ITISKILL1545KR

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

Q.ID: ITISKILL1545KR

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

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

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

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

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

**Answer: D) Two stroke engine**

3. When the thermostat valve open in engine?

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

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

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

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

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

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

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

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

6. Which oil is used in cooling system?

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

**Answer: C) Coolant oil**

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

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

**Answer: C) Core tubes**

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

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

C) Maintain the water temperature

D) Retain the atmospheric pressure

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

9. Which part drives the oil pump?

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

**Answer: B) Cam Shaft**

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

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

**Answer: B) Impeller**

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

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

**Answer: B) Thermo siphon system**

12. Which one is the properties of lubricant

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

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

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

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

**Answer: B) Centrifugal pump**

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

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

**Answer: A) Cylinder and head**

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

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

**Answer: C) Stop coolant flow**

16. Which part is lubricated by splash lubrication system?

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

**Answer: B) Cylinder wall**

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

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

**Answer: B) Worn out seal**

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

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

**Answer: D) By belt**

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

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

**Answer: D) More backlash**

20. 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

**Answer: B) Reduce the heat**

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

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

**Answer: D) Lubrication system**

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

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

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

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

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

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

24. How many valves are used in radiator cap?

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

**Answer: D) Two valves**

25. What is the main purpose of the lubricant?

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

**Answer: A) Minimise the friction**

26. Which lubrication system is used separate oil tank?

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

**Answer: D) Dry sump lubrication**

27. Where heat dissipation take place in cooling system?

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

**Answer: C) Radiator**

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

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

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

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

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

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

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

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

**Answer: A) Radiator cap**

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

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

**Answer: B) Bearing noisy**