

# ITI Quiz - 31-Mar-2026

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Q. ID: ITISKILL7319KH

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: B) Bearing noisy

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

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

Answer: C) Core tubes

3. 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

4. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

5. 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

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

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

Answer: A) Radiator cap

7. 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 level
- D) To check oil density

Answer: C) To check oil level

8. 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

Answer: D) Force the water circulation

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

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

Answer: D) Worn out seal

10. 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

11. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

12. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: A) Lubrication system

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

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

Answer: B) Thermo siphon system

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

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

Answer: D) More backlash

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

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

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

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

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

**Answer: D) Centrifugal pump**

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

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

**Answer: D) Two stroke engine**

19. Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

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

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

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

21. Which lubrication system is used separate oil tank?

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

**Answer: B) Dry sump lubrication**

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

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

**Answer: D) By belt**

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

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

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

24. Where the metal fins are provided in the air cooled

engine?

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

**Answer: D) Cylinder and head**

25. Which part is lubricated by splash lubrication system?

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

**Answer: C) Cylinder wall**

26. How many valves are used in radiator cap?

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

**Answer: D) Two valves**

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

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

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

28. Where heat dissipation take place in cooling system?

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

**Answer: B) Radiator**

29. 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**

30. 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**

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

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

**Answer: B) Impeller**