

# ITI Quiz - 31-Mar-2026

## 07:25 PM

Q. ID: ITISKILL5226WK

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. How many valves are used in radiator cap?

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

**Answer: D) Two valves**

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

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

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

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

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

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

4. When the thermostat valve open in engine?

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

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

5. 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

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

6. Where heat dissipation take place in cooling system?

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

**Answer: B) Radiator**

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

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

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

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

- A) Bearing noisy
- B) Low water pressure

C) Water leakage

D) Fan belt loose

**Answer: A) Bearing noisy**

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

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

**Answer: B) Impeller**

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

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

**Answer: B) Cylinder and head**

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

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

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

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

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

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

13. Which part is lubricated by splash lubrication system?

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

**Answer: D) Cylinder wall**

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

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

**Answer: A) Centrifugal pump**

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

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

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

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

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

17. Which oil is used in cooling system?

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

**Answer: B) Coolant oil**

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

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

**Answer: A) Core tubes**

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

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

**Answer: A) Two stroke engine**

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

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

**Answer: A) More backlash**

21. Which part drives the oil pump?

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

**Answer: A) Cam Shaft**

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

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

**Answer: A) Lubrication system**

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

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

**Answer: C) By belt**

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

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

**Answer: A) Stop coolant flow**

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

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

**Answer: A) Worn out seal**

26. Which lubrication system is used separate oil tank?

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

**Answer: B) Dry sump lubrication**

27. What is the main purpose of the lubricant?

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

**Answer: C) Minimise the friction**

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

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

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

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

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

**Answer: A) Thermo siphon system**

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

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

**Answer: D) Reduce the heat**

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

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

**Answer: B) Radiator cap**