

# ITI Quiz - 07-May-2026

## 11:41 AM

Q. ID: ITISKILL7281UT

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

Answer: D) By belt

2. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

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

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

Answer: B) Impeller

4. Which oil is used in cooling system?

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

Answer: A) Coolant oil

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

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

Answer: C) Petrol-oil lubrication

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

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

Answer: A) Stop coolant flow

7. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

8. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

Answer: A) Reduce the heat

10. 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

11. 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

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

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

Answer: D) Bearing noisy

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

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

Answer: A) Release the excess pressure

14. How many valves are used in radiator cap?

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

Answer: C) Two valves

15. Which one is the properties of lubricant

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

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

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

- A) Force the water circulation
- B) Reduce the water pressure

- C) Increase the water temperature  
D) Flushing out the cooling system

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

17. 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**

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

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

**Answer: B) Radiator cap**

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

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

**Answer: D) Two stroke engine**

20. 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**

21. 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**

22. Which part is lubricated by splash lubrication system?

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

**Answer: B) Cylinder wall**

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

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

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

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

- A) Bottom hole  
B) Core tubes

- C) Water pump  
D) Fins

**Answer: B) Core tubes**

25. Which part drives the oil pump?

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

**Answer: D) Cam Shaft**

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

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

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

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

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

**Answer: A) Cylinder and head**

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

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

**Answer: A) Thermo siphon system**

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

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

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

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

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

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

31. 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**