

# ITI Quiz - 04-Apr-2026

## 02:12 PM

Q. ID: ITISKILL4031TS

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

Q.ID: ITISKILL4031TS

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

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

**Answer: D) Bearing noisy**

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

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

**Answer: C) Lubrication system**

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

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

**Answer: B) Worn out seal**

4. Which part is lubricated by splash lubrication system?

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

**Answer: A) Cylinder wall**

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

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

**Answer: A) Two stroke engine**

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

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

**Answer: C) Cylinder and head**

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

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

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

8. How many valves are used in radiator cap?

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

**Answer: D) Two valves**

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

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

**Answer: D) Centrifugal pump**

10. Which part drives the oil pump?

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

**Answer: B) Cam Shaft**

11. Where heat dissipation take place in cooling system?

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

**Answer: B) Radiator**

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

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

**Answer: D) Thermo siphon system**

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

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

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

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

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

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

15. 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**

16. 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**

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

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

**Answer: B) More backlash**

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

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

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

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

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

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

20. Which one is the properties of lubricant

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

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

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

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

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

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

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

**Answer: B) Core tubes**

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

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

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

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

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

**Answer: A) By belt**

25. What is the main purpose of the lubricant?

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

**Answer: A) Minimise the friction**

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

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

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

27. When the thermostat valve open in engine?

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

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

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

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

**Answer: A) Impeller**

29. Which oil is used in cooling system?

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

**Answer: B) Coolant oil**

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

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

**Answer: D) Stop coolant flow**

31. 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**