

# ITI Quiz - 09-Mar-2026

## 09:51 PM

Q. ID: ITISKILL2203CH

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL2203CH

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which one is the properties of lubricant

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

C) Lubricant oil

D) Coolant oil

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

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

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

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

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

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

11. 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

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

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

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

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

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

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

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

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

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

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

14. How many valves are used in radiator cap?

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

7. Which part is lubricated by splash lubrication system?

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

15. 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

8. 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

16. Which lubrication system is used separate oil tank?

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

9. Which oil is used in cooling system?

- A) Mineral oil  
B) Hydraulic oil

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

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

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

- A) Shaft
- C) Bearing

- B) Pulley
- D) Impeller

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

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

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

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

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

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

22. Which part drives the oil pump?

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

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

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

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

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

25. Which mixture is used in radiator reverse flushing

cleaning?

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

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

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

27. When the thermostat valve open in engine?

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

28. Where heat dissipation take place in cooling system?

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

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

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

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

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

31. What is the main purpose of the lubricant?

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