

ITI Quiz - 16-Mar-2026

07:30 PM

Q. ID: ITISKILL6159HQ

March 2026

Question Paper

Duration: 31 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

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

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

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

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

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

12. What is the main purpose of the lubricant?

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

5. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

15. Which one is the properties of lubricant

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

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

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

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

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

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

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

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

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

- A) Free coolant flow
- C) Stop coolant flow

- B) Increase coolant flow
- D) Slow coolant flow

- A) Mineral oil
- C) Hydraulic oil

- B) Lubricant oil
- D) Coolant oil

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

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

20. Which lubrication system is used separate oil tank?

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

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

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

22. Where heat dissipation take place in cooling system?

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

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

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

24. How many valves are used in radiator cap?

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

25. Which oil is used in cooling system?

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

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

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

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

28. Which part is lubricated by splash lubrication system?

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

29. When the thermostat valve open in engine?

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

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

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

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

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