

ITI Quiz - 29-Mar-2026

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Q. ID: ITISKILL0377HF

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. What is the main purpose of the lubricant?

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

low?

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

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

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

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

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

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

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

11. Which part is lubricated by splash lubrication system?

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

4. 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

12. When the thermostat valve open in engine?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

9. Which types of cooling system the rate of cooling is very

17. Which lubrication system is used separate oil tank?

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

18. How many valves are used in radiator cap?

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

19. Which oil is used in cooling system?

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

20. Where heat dissipation take place in cooling system?

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

21. 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

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

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

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

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

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

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

25. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

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

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

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

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