

ITI Quiz - 25-Mar-2026

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Q. ID: ITISKILL0336HO

March 2026

Question Paper

Duration: 31 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

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

4. Where heat dissipation take place in cooling system?

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

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

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

5. What is the main purpose of the lubricant?

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

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

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

6. 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

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

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

7. When the thermostat valve open in engine?

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

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

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

8. Which lubrication system is used separate oil tank?

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

16. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

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

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

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

22. Which one is the properties of lubricant

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

23. Which part drives the oil pump?

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

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

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

25. Which oil is used in cooling system?

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

26. 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

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

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

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

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

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

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

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

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

31. 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