

ITI Quiz - 31-Mar-2026

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Q. ID: ITISKILL8073GN

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 30

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Student Name: _____ Roll No: _____

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

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

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

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

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

10. 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

3. Which one is the properties of lubricant

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

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

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

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

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

12. Which oil is used in cooling system?

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

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

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

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

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

6. Which part is lubricated by splash lubrication system?

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

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

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

7. 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

15. Which lubrication system is used separate oil tank?

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

8. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

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

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

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

20. 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

21. 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

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

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

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

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

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

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

25. Which part drives the oil pump?

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

26. 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

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

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

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

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

29. How many valves are used in radiator cap?

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

30. What is the main purpose of the lubricant?

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