

ITI Quiz - 30-Mar-2026

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Q. ID: ITISKILL076759

March 2026

Question Paper

Duration: 31 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Which part drives the oil pump?

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

2. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

7. Where heat dissipation take place in cooling system?

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

8. Which oil is used in cooling system?

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

9. When the thermostat valve open in engine?

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

10. 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. Which lubrication system is used separate oil tank?

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

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

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

13. What is the main purpose of the lubricant?

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

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

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

15. Which one is the properties of lubricant

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

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

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

17. Which part is lubricated by splash lubrication system?

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

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

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

19. 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 level
- D) To check oil temperature

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

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

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

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

22. 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

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

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

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

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

25. 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

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

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

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

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

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

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

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

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

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

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

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

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