

ITI Quiz - 03-Mar-2026

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Q. ID: ITISKILL1835RF

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Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

2. Which oil is used in cooling system?

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

3. How many valves are used in radiator cap?

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

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

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

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

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

6. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

16. 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

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

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

18. Which part drives the oil pump?

- A) Cam Shaft
- C) Timing gears

- B) Crank Shaft
- D) Crank pulley

- C) High temperature of engine

- D) Low temperature of engine

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

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

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

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

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

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

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

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

23. Which lubrication system is used separate oil tank?

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

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

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

25. When the thermostat valve open in engine?

- A) Operating temperature of engine
- B) Freezing temperature of engine

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

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

27. What is the main purpose of the lubricant?

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

28. Which one is the properties of lubricant

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

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

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

30. Where heat dissipation take place in cooling system?

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

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

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