

ITI Quiz - 27-Mar-2026

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Q. ID: ITISKILL1957YA

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Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

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

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

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

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

7. Which oil is used in cooling system?

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

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

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

9. 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

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

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

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

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

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

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

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

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

14. What is the main purpose of the lubricant?

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

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

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

16. Where heat dissipation take place in cooling system?

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

17. When the thermostat valve open in engine?

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

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

- A) Two stroke engine
- B) Steam engine

- C) Four stroke engine D) Battery car

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

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

20. Which one is the properties of lubricant

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

21. Which part drives the oil pump?

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

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

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

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

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

24. 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

25. How many valves are used in radiator cap?

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

26. Which part is lubricated by splash lubrication system?

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

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

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

28. 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

29. Which lubrication system is used separate oil tank?

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

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

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

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

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