

ITI Quiz - 18-Mar-2026

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Q. ID: ITISKILL8668WA

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Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Which lubrication system is used separate oil tank?

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

2. When the thermostat valve open in engine?

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

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

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

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

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

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

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

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

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

7. Which part drives the oil pump?

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

8. Which oil is used in cooling system?

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

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

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

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

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

11. Which part is lubricated by splash lubrication system?

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

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

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

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

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

14. 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

15. Where heat dissipation take place in cooling system?

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

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

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

17. 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

29. How many valves are used in radiator cap?

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

23. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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