

ITI Quiz - 19-Mar-2026

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Q. ID: ITISKILL5699ZR

March 2026

Question Paper

Duration: 31 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) Petrol - oil lubrication
- C) Splash lubrication
- D) Dry sump lubrication

2. Which oil is used in cooling system?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

12. Where heat dissipation take place in cooling system?

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

13. 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

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

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

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

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

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

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

17. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

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

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

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

24. Which one is the properties of lubricant

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

25. Which type of lubrication system is used in two stroke

engine?

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

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

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

27. How many valves are used in radiator cap?

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

28. Which part is lubricated by splash lubrication system?

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

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

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

30. When the thermostat valve open in engine?

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

31. Which part drives the oil pump?

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