

ITI Quiz - 18-Mar-2026

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Q. ID: ITISKILL2510VT

March 2026

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

2. 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

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

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

4. When the thermostat valve open in engine?

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

5. 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 pressure D) To check oil level

6. Which part drives the oil pump?

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

7. 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

8. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

19. 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

20. What is the main purpose of the lubricant?

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

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

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

22. Where heat dissipation take place in cooling system?

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

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

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

24. How many valves are used in radiator cap?

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

25. Which oil is used in cooling system?

- A) Lubricant oil B) Coolant oil

- C) Mineral oil D) Hydraulic oil

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

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

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

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

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

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

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

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

30. Which one is the properties of lubricant

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

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

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