

ITI Quiz - 25-Mar-2026

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Q. ID: ITISKILL19907H

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

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

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

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

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

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

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

5. Which one is the properties of lubricant

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

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

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

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

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

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

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

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

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

10. Which part drives the oil pump?

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

11. 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

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

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

13. Where heat dissipation take place in cooling system?

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

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

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

15. What is the main purpose of the lubricant?

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

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

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

17. How many valves are used in radiator cap?

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

18. Which part is lubricated by splash lubrication system?

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

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

- A) Wet sump lubrication B) Dry sump lubrication

C) Petrol-oil lubrication D) Splash lubrication

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

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

21. 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

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

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

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

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

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

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

25. When the thermostat valve open in engine?

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

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

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

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

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

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

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

29. Which oil is used in cooling system?

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

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

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

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

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