

ITI Quiz - 29-Apr-2026

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Q. ID: ITISKILL3354IU

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

2. Which one is the properties of lubricant

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

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

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

4. What is the main purpose of the lubricant?

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

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

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

6. Which oil is used in cooling system?

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

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

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

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

- A) Air cooling system
B) Forced feed system

- C) Thermo siphon system
D) Pump circulation system

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

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

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

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

11. 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

12. 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 oil
D) Cool the hot water

13. 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

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

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

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

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

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

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

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

- A) Steam engine
- C) Battery car

- B) Two stroke engine
- D) Four stroke engine

- C) Wet sump lubrication

- D) Dry sump lubrication

18. When the thermostat valve open in engine?

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

19. Which part is lubricated by splash lubrication system?

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

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

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

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

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

22. How many valves are used in radiator cap?

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

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

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

24. Which lubrication system is used separate oil tank?

- A) Splash lubrication
- B) Petrol - oil lubrication

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

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

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

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

27. Which part drives the oil pump?

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

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

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

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

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

30. Where heat dissipation take place in cooling system?

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

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

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