

ITI Quiz - 29-Mar-2026

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Q. ID: ITISKILL3028ZX

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL3028ZX

Student Name: _____ Roll No: _____

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

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

2. When the thermostat valve open in engine?

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

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

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

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

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

5. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

10. Which part drives the oil pump?

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

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

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

12. Where heat dissipation take place in cooling system?

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

13. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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. 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

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

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

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

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

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

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

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

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

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

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

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

- A) Force the water circulation
- B) Flushing out the cooling system

C) Increase the water temperature

D) Reduce the water pressure

26. 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 air (gun) pressure
- D) Flushing water with coolant oil

27. Which oil is used in cooling system?

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

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

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

29. Which one is the properties of lubricant

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

30. How many valves are used in radiator cap?

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

31. Which lubrication system is used separate oil tank?

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