

ITI Quiz - 01-May-2026

07:18 PM

Q. ID: ITISKILL6560GU

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. 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

2. Where heat dissipation take place in cooling system?

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

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

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

4. 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

5. How many valves are used in radiator cap?

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

6. Which part is lubricated by splash lubrication system?

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

7. 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

8. Which part drives the oil pump?

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

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

- A) Less radial clearance
- B) Filter clogged

C) More backlash

D) Relief valve struck

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

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

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

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

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

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

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

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

14. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

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

21. Which oil is used in cooling system?

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

22. When the thermostat valve open in engine?

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

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

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

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

- A) Water leakage
- B) Low water pressure

C) Fan belt loose

D) Bearing noisy

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

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

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

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

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

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

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

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

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

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

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

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

31. Which lubrication system is used separate oil tank?

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