

ITI Quiz - 27-Mar-2026

03:10 PM

Q. ID: ITISKILL8996AH

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL8996AH

Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

5. Which one is the properties of lubricant

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

6. Which part drives the oil pump?

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

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

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

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

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

9. Where heat dissipation take place in cooling system?

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

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

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

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

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

12. Which lubrication system is used separate oil tank?

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

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

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

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

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

15. What is the main purpose of the lubricant?

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

16. When the thermostat valve open in engine?

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

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

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

18. Which oil is used in cooling system?

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

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

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

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

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

21. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

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

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

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

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

28. How many valves are used in radiator cap?

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

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

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

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

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

31. 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