

ITI Quiz - 29-Mar-2026

06:55 PM

Q. ID: ITISKILL9842PL

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL9842PL

Student Name: _____

Roll No: _____

1. 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

A) Flushing water with coolant oil

B) Flushing water with air (gun) pressure

C) Flushing water with soap oil

D) Flushing water with engine oil

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

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

10. Which part is lubricated by splash lubrication system?

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

3. Which one is the properties of lubricant

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

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

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

4. 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

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

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

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

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

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

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

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

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

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

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

7. 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 density
- D) To check oil temperature

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

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

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

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

16. Which part drives the oil pump?

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

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

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

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

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

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

19. Where heat dissipation take place in cooling system?

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

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

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

21. What is the main purpose of the lubricant?

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

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

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

23. When the thermostat valve open in engine?

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

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

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

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

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

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 oil is used in cooling system?

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

28. How many valves are used in radiator cap?

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

29. Which lubrication system is used separate oil tank?

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

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

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

31. 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