

ITI Quiz - 18-Mar-2026

05:39 PM

Q. ID: ITISKILL2743NS

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL2743NS

Student Name: _____ Roll No: _____

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

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

A) Should develop foam

B) Oil viscosity should not be same in hot and cold condition

C) Oil viscosity should be suit the operating conditions

D) Boiling temperature should be low

2. Which lubrication system is used separate oil tank?

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

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

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

3. When the thermostat valve open in engine?

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

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

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

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

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

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

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

5. How many valves are used in radiator cap?

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

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

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

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

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

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

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

7. Which oil is used in cooling system?

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

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

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

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

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

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

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

9. Which one is the properties of lubricant

17. 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

18. 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

19. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

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

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

25. Where heat dissipation take place in cooling system?

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

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

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

27. Which part is lubricated by splash lubrication system?

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

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

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

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

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

30. 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

31. What is the main purpose of the lubricant?

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