

ITI Quiz - 29-Mar-2026

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Q. ID: ITISKILL9842PL

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

2. 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

Answer: A) Force the water circulation

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

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

Answer: A) Bearing noisy

4. Which lubrication system is used separate oil tank?

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

Answer: B) Dry sump lubrication

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

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

Answer: C) Engine gets over heating

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

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

Answer: C) Core tubes

7. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

8. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: B) To check oil level

10. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: A) Lubrication system

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

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

Answer: A) Cylinder and head

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

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

Answer: C) Release the excess pressure

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

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

Answer: B) Radiator cap

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

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

Answer: B) Reduce the heat

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

- A) Flushing water with (gun) pressure
- B) Flushing water with coolant oil

- C) Flushing water with engine oil D) Flushing water with soap oil

Answer: A) Flushing water with air (gun) pressure

17. Which oil is used in cooling system?

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

Answer: C) Coolant oil

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

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

Answer: C) Impeller

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

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

Answer: C) By belt

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

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

Answer: C) Thermo siphon system

21. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: A) Through drilled oil passages

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

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

Answer: D) Two stroke engine

24. Which type of lubrication system is used in two stroke

engine?

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

Answer: B) Petrol-oil lubrication

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

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

Answer: A) Centrifugal pump

26. 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

Answer: D) Worn out seal

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

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

Answer: A) More backlash

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

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

Answer: D) Cool the hot water

29. Which one is the properties of lubricant

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

Answer: B) Oil viscosity should be suit the operating conditions

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

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

Answer: B) Stop coolant flow

31. Which part drives the oil pump?

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

Answer: A) Cam Shaft