

ITI Quiz - 26-Apr-2026

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Q. ID: ITISKILL3807HZ

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: D) More backlash

2. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

3. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

4. 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

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

5. 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

Answer: A) Operating temperature of engine

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

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

Answer: B) Cylinder and head

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

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

Answer: A) Force the water circulation

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

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

Answer: A) Petrol-oil lubrication

9. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: C) Radiator cap

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

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

Answer: D) Lubrication system

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

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

Answer: B) By belt

13. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: B) Core tubes

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

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

Answer: B) Bearing noisy

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

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

Answer: C) Worn out seal

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

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

Answer: B) Cool the hot water

18. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

19. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: D) Release the excess pressure

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

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

Answer: B) Two stroke engine

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

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

Answer: A) To check oil level

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

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

Answer: A) Impeller

24. 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

Answer: A) Engine gets over heating

25. Which one is the properties of lubricant

- 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

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

26. 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

Answer: B) Through drilled oil passages

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

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

Answer: B) Stop coolant flow

28. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

29. 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

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

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

Answer: B) Reduce the heat

31. 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

Answer: D) Thermo siphon system