

ITI Quiz - 29-Mar-2026

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Q. ID: ITISKILL3028ZX

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: C) Engine gets over heating

3. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

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

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

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

Answer: B) Release the excess pressure

6. Which part drives the oil pump?

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

Answer: B) Cam Shaft

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

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

Answer: D) By belt

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

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

Answer: D) To check oil level

9. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

10. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

11. How many valves are used in radiator cap?

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

Answer: B) Two valves

12. 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

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

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

Answer: A) Petrol-oil lubrication

14. Which one is the properties of lubricant

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

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

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

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

Answer: C) Bearing noisy

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

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

Answer: A) Reduce the heat

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

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

Answer: B) Cylinder and head

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

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

Answer: C) Thermo siphon system

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

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

Answer: B) Cool the hot water

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

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

Answer: B) Core tubes

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

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

Answer: D) Centrifugal pump

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

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

Answer: C) Impeller

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

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

Answer: A) Radiator cap

24. Which oil is used in cooling system?

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

Answer: A) Coolant oil

25. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

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

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

Answer: B) Through drilled oil passages

27. 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

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

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

Answer: A) Force the water circulation

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

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

Answer: C) Two stroke engine

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

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

Answer: B) More backlash

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

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

Answer: B) Worn out seal