

ITI Quiz - 26-Apr-2026

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Q. ID: ITISKILL0889DA

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

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

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

Answer: A) Core tubes

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

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

Answer: C) Cool the hot water

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

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

Answer: D) Reduce the heat

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

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

Answer: D) Release the excess pressure

6. 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

Answer: D) Petrol-oil lubrication

7. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: A) Lubrication system

9. Which part drives the oil pump?

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

Answer: D) Cam Shaft

10. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: B) Engine gets over heating

12. How many valves are used in radiator cap?

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

Answer: A) Two valves

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

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

Answer: B) Worn out seal

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

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

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

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

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

Answer: B) More backlash

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

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

Answer: A) Two stroke engine

17. 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

Answer: A) Operating temperature of engine

18. 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 pressure
- D) To check oil density

Answer: A) To check oil level

19. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

20. 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

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

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

Answer: C) Stop coolant flow

22. Which one is the properties of lubricant

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

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

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

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

Answer: A) Thermo siphon system

24. How oil deliver from the crank shaft main bearings to

connecting rod bearings?

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

Answer: A) Through drilled oil passages

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

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

Answer: A) Cylinder and head

26. Which oil is used in cooling system?

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

Answer: C) Coolant oil

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

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

Answer: B) Centrifugal pump

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

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

Answer: D) Impeller

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

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

Answer: B) Radiator cap

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

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

Answer: C) Bearing noisy

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

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

Answer: A) By belt