

ITI Quiz - 30-Mar-2026

06:25 PM

Q. ID: ITISKILL4605HL

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

Answer: A) More backlash

2. 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

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

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

Answer: B) Engine gets over heating

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

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

Answer: A) Through drilled oil passages

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

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

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

6. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: A) Stop coolant flow

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

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

Answer: B) Bearing noisy

9. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: B) Force the water circulation

11. 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

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

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

Answer: C) Impeller

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

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

Answer: A) Lubrication system

14. Which oil is used in cooling system?

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

Answer: C) Coolant oil

15. Which part drives the oil pump?

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

Answer: A) Cam Shaft

16. 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

17. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: D) Cylinder and head

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

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

Answer: B) Two stroke engine

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

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

Answer: D) Worn out seal

21. Which one is the properties of lubricant

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

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

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

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

Answer: C) Cool the hot water

23. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: C) Reduce the heat

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

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

Answer: B) Release the excess pressure

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

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

Answer: D) Radiator cap

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

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

Answer: B) Petrol-oil lubrication

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

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

Answer: B) Centrifugal pump

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

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

Answer: C) To check oil level

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

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

Answer: A) Thermo siphon system

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

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

Answer: A) By belt