

# ITI Quiz - 09-Mar-2026

## 09:51 PM

Q. ID: ITISKILL2203CH

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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

2. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

3. 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

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

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

Answer: B) Petrol-oil lubrication

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

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

Answer: D) Cool the hot water

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

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

Answer: B) Stop coolant flow

7. 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

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

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

Answer: D) Cylinder and head

9. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

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

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

Answer: C) Lubrication system

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

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

Answer: A) Core tubes

12. How many valves are used in radiator cap?

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

Answer: A) Two valves

13. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

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

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

Answer: A) Two stroke engine

15. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

16. 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  
D) Should develop foam condition

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

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

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

**Answer: D) By belt**

**18.** What is the purpose of a radiator pressure cap?

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

**Answer: C) Release the excess pressure**

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

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

**Answer: A) To check oil level**

**20.** What is the main purpose of the lubricant?

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

**Answer: D) Minimise the friction**

**21.** Which oil is used in cooling system?

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

**Answer: A) Coolant oil**

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

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

**Answer: A) Impeller**

**23.** What is the reason pump does not suck the oil?

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

**Answer: C) More backlash**

**24.** Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

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

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

**Answer: C) Through drilled oil passages**

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

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

**Answer: D) Force the water circulation**

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

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

**Answer: D) Reduce the heat**

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

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

**Answer: D) Centrifugal pump**

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

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

**Answer: A) Bearing noisy**

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

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

**Answer: B) Thermo siphon system**

**31.** What is the effect if thermostat valve is struck?

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

**Answer: C) Engine gets over heating**