

# ITI Quiz - 31-Mar-2026

## 06:19 PM

Q. ID: ITISKILL6835KT

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

**Answer: D) Reduce the heat**

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

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

**Answer: C) Cylinder and head**

3. Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

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

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

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

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

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

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

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

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

**Answer: B) Bearing noisy**

7. 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**

8. Which oil is used in cooling system?

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

**Answer: B) Coolant oil**

9. What is the main purpose of the lubricant?

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

**Answer: C) Minimise the friction**

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

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

**Answer: A) Cool the hot water**

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

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

**Answer: A) Core tubes**

12. When the thermostat valve open in engine?

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

**Answer: C) Operating temperature of engine**

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

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

**Answer: C) Petrol-oil lubrication**

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

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

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

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

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

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

16. Which lubrication system is used separate oil tank?

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

**Answer: D) Dry sump lubrication**

**17.** Which system the gear type oil pump is used?

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

**Answer: C) Lubrication system**

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

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

**Answer: D) Impeller**

**19.** Which part is lubricated by splash lubrication system?

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

**Answer: C) Cylinder wall**

**20.** 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**

**21.** How many valves are used in radiator cap?

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

**Answer: B) Two valves**

**22.** Where heat dissipation take place in cooling system?

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

**Answer: B) Radiator**

**23.** 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**

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

- A) By gear                              B) By chain

- C) By belt                              D) By coupling

**Answer: C) By belt**

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

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

**Answer: A) Radiator cap**

**26.** Which mixture is used in radiator reverse flushing cleaning?

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

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

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

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

**Answer: C) Centrifugal pump**

**28.** What is the effect if the radiator cores are clogged?

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

**Answer: C) Stop coolant flow**

**29.** What is the cause of water leakage in water pump?

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

**Answer: C) Worn out seal**

**30.** Which engine is used the Petrol oil lubrication system?

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

**Answer: D) Two stroke engine**

**31.** Which one is the properties of lubricant

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

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