

# ITI Quiz - 18-Mar-2026

## 05:16 PM

Q. ID: ITISKILL3313DR

March 2026

Question Paper

Duration: 31 Mins

Total Marks: 31

ID: ITISKILL3313DR

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

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

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

2. When the thermostat valve open in engine?

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

3. How many valves are used in radiator cap?

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

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

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

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

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

6. 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

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

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

8. Which lubrication system is used separate oil tank?

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

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

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

10. Where heat dissipation take place in cooling system?

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

11. What is the main purpose of the lubricant?

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

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

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

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

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

14. Which part drives the oil pump?

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

15. Which part is lubricated by splash lubrication system?

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

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

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

17. 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 engine oil
- D) Flushing water with soap oil

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

- A) Gear pump
- B) Centrifugal pump

C) Diaphragm pump                      D) Reciprocating pump

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

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

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

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

**21.** 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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