

ITI Quiz - 09-Mar-2026

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Q. ID: ITISKILL7735FN

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: C) Lubrication system

3. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

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

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

Answer: D) Petrol-oil lubrication

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

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

Answer: A) Bearing noisy

6. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: A) More backlash

8. 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

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

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

Answer: B) Centrifugal pump

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

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

Answer: B) Radiator cap

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

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

Answer: B) Release the excess pressure

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

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

Answer: D) Cylinder and head

13. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: D) Force the water circulation

15. 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 temperature
- D) To check oil pressure

Answer: B) To check oil level

16. When the thermostat valve open in engine?

- A) Freezing temperature of engine
- B) Low temperature of engine

- C) High temperature of engine D) Operating temperature of engine

Answer: D) Operating temperature of engine

17. 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

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

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

Answer: D) Core tubes

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

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

Answer: D) Cool the hot water

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

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

Answer: D) Impeller

21. Which oil is used in cooling system?

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

Answer: B) Coolant oil

22. 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

Answer: D) Stop coolant flow

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

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

Answer: C) Reduce the heat

24. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

25. Which one is the properties of lubricant

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

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

26. 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 coolant oil D) Flushing water with air (gun) pressure

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

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

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

Answer: D) Through drilled oil passages

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

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

Answer: D) Engine gets over heating

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

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

Answer: D) Two stroke engine

30. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

31. 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