

ITI Quiz - 01-May-2026

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Q. ID: ITISKILL7766R8

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: C) Two stroke engine

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

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

Answer: D) Petrol-oil lubrication

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

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

Answer: D) Lubrication system

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

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

Answer: D) Cylinder and head

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

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

Answer: A) Stop coolant flow

6. Which part drives the oil pump?

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

Answer: A) Cam Shaft

7. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

8. Which one is the properties of lubricant

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

Answer: D) Oil viscosity should be suit the operating

conditions

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

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

Answer: D) Worn out seal

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

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

Answer: D) Release the excess pressure

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

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

Answer: C) More backlash

12. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

13. 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

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

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

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

15. 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

16. 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

17. 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

18. Which part is lubricated by splash lubrication system?

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

Answer: A) Cylinder wall

19. 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

20. 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

21. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: C) Thermo siphon system

23. 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

Answer: A) Through drilled oil passages

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

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

Answer: B) Radiator cap

25. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: C) Centrifugal pump

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

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

Answer: D) Impeller

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

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

Answer: A) Cool the hot water

29. How many valves are used in radiator cap?

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

Answer: A) Two valves

30. 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

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

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

Answer: C) Force the water circulation