

ITI Quiz - 30-Mar-2026

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Q. ID: ITISKILL076759

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Answer Key

Duration: 31 Mins

Total Marks: 31

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1. 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

2. When the thermostat valve open in engine?

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

Answer: D) Operating temperature of engine

3. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

4. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: A) Cool the hot water

6. 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

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

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

Answer: B) Release the excess pressure

8. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

9. 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

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

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

Answer: B) Lubrication system

11. Which one is the properties of lubricant

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

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

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

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

Answer: B) By belt

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

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

Answer: C) Cylinder and head

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

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

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

15. Which part drives the oil pump?

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

Answer: A) Cam Shaft

16. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: D) Radiator cap

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

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

Answer: C) Thermo siphon system

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

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

Answer: A) Core tubes

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

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

Answer: A) Worn out seal

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

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

Answer: A) Engine gets over heating

22. 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

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

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

Answer: C) Force the water circulation

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

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

Answer: D) To check oil level

25. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: B) Reduce the heat

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

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

Answer: B) More backlash

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

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

Answer: D) Impeller

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

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

Answer: D) Bearing noisy

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

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

Answer: A) Petrol-oil lubrication

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

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

Answer: B) Centrifugal pump