

ITI Quiz - 31-Mar-2026

07:25 PM

Q. ID: ITISKILL5226WK

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

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

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

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

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

7. Which lubrication system is used separate oil tank?

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

8. Which oil is used in cooling system?

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

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

- A) Increase the water temperature
- B) Force the water circulation

C) Reduce the water pressure

D) Flushing out the cooling system

10. 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

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

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

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

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

13. How many valves are used in radiator cap?

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

14. Where heat dissipation take place in cooling system?

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

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

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

16. When the thermostat valve open in engine?

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

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

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

18. Which part drives the oil pump?

- A) Crank Shaft
- C) Cam Shaft

- B) Crank pulley
- D) Timing gears

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

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

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

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

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

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

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

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

23. Which part is lubricated by splash lubrication system?

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

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

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

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

- A) Flushing water with air (gun) pressure
- C) Flushing water with engine oil

- B) Flushing water with soap oil
- D) Flushing water with coolant oil

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

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

27. Which one is the properties of lubricant

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

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

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

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

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

30. What is the main purpose of the lubricant?

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

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

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