

ITI Quiz - 25-Mar-2026

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Q. ID: ITISKILL5161U1

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

A) Through drilled oil passages

B) Through crank pulley

C) Through vibration damper D) Through sprocket

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

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

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

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

3. Which lubrication system is used separate oil tank?

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

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

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

4. Which oil is used in cooling system?

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

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

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

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

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

13. 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- A) Slow coolant flow
- B) Increase coolant flow

C) Stop coolant flow

D) Free coolant flow

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

A) Water pump

B) Bottom hole

C) Core tubes

D) Fins

19. How many valves are used in radiator cap?

A) Three valves

B) Two valves

C) One valve

D) Four valves

20. Which part is lubricated by splash lubrication system?

A) Crank pin

B) Main journal

C) Timing gears

D) Cylinder wall

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

A) Air cooling system

B) Forced feed system

C) Pump circulation system

D) Thermo siphon system

22. Which part drives the oil pump?

A) Cam Shaft

B) Crank Shaft

C) Crank pulley

D) Timing gears

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

A) Wet sump lubrication

B) Petrol-oil lubrication

C) Splash lubrication

D) Dry sump lubrication

24. Where heat dissipation take place in cooling system?

A) Fan

B) Radiator

C) Water jackets

D) Water pump

25. Which one is the properties of lubricant

A) Should develop foam

B) Oil viscosity should be suit the operating conditions

C) Oil viscosity should not be same in hot and cold condition

D) Boiling temperature should be low

26. 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

27. What is the main purpose of the lubricant?

A) Increase the noise

B) Minimise the friction

C) Increase the friction

D) Increase the weariness

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

A) Worn out shaft

B) Worn out bearing

C) Worn out impeller

D) Worn out seal

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

A) Lubrication system

B) Fuel system

C) Air conditioning system

D) Cooling system

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

A) Bearing noisy

B) Fan belt loose

C) Water leakage

D) Low water pressure

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

A) To check oil temperature

B) To check oil density

C) To check oil pressure

D) To check oil level