ITI Quiz - 31-Mar-2026 07:28 PM

Q. ID: ITISKILL0001MW

March 2026

Answer Key

Duration: 30 Mins **Total Marks: 31** **Q.ID: ITISKILL0001MW**

1. Which oil is used in cooling system?

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

Answer: D) Coolant oil

2. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

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

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

Answer: C) Thermo siphon system

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

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

Answer: B) Impeller

5. 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

6. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

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

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

Answer: C) Bearing noisy

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

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

Answer: D) Core tubes

9. 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 level
D) To check oil pressure

Answer: C) To check oil level

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

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

Answer: C) Centrifugal pump

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

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

Answer: C) By belt

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

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

Answer: B) Lubrication system

13. Which lubrication system is used separate oil tank?

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

Answer: B) Dry sump lubrication

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

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

Answer: B) Through drilled oil passages

15. 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

Answer: D) Worn out seal

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

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

Answer: B) Release the excess pressure

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

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

Answer: D) Engine gets over heating

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

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

Answer: A) Two stroke engine

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

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

Answer: A) More backlash

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

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

Answer: C) Radiator cap

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

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

Answer: B) Force the water circulation

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

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

Answer: C) Cool the hot water

23. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: A) Reduce the heat

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

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

Answer: A) Stop coolant flow

26. How many valves are used in radiator cap?

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

Answer: B) Two valves

27. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

28. 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

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

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

Answer: A) Petrol-oil lubrication

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

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

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

31. 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