

February 2026

Answer Key

**Duration: 120 Mins****Total Marks: 31****Q.ID: ITISKILL6072NB**

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

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

**Answer: A) Petrol-oil lubrication**

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

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

**Answer: D) Impeller**

3. 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

**Answer: C) Core tubes**

4. Which lubrication system is used separate oil tank?

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

**Answer: A) Dry sump lubrication**

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

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

**Answer: B) Lubrication system**

6. What is the main purpose of the lubricant?

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

**Answer: C) Minimise the friction**

7. Where heat dissipation take place in cooling system?

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

**Answer: A) Radiator**

8. How many valves are used in radiator cap?

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

**Answer: A) Two valves**

9. Where the metal fins are provided in the air cooled

engine?

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

**Answer: C) Cylinder and head**

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

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

**Answer: A) Centrifugal pump**

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

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

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

12. Which part is lubricated by splash lubrication system?

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

**Answer: A) Cylinder wall**

13. Which part drives the oil pump?

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

**Answer: D) Cam Shaft**

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

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

**Answer: C) More backlash**

15. 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 level                D) To check oil pressure

**Answer: C) To check oil level**

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

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

**Answer: B) Cool the hot water**

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

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

**Answer: C) Two stroke engine**

18. Which oil is used in cooling system?

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

**Answer: D) Coolant oil**

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

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

**Answer: C) Through drilled oil passages**

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

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

**Answer: B) Stop coolant flow**

21. 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**

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

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

**Answer: C) Worn out seal**

23. Which one is the properties of lubricant

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

**Answer: D) Oil viscosity should be suit the operating conditions**

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

- A) Engine does not start
- B) Engine gets over cooling

C) Engine gets over heating D) Engine does not stop

**Answer: C) Engine gets over heating**

25. When the thermostat valve open in engine?

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

**Answer: A) Operating temperature of engine**

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

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

**Answer: A) Radiator cap**

27. 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**

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

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

**Answer: C) By belt**

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

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

**Answer: B) Force the water circulation**

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

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

**Answer: B) Reduce the heat**

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

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

**Answer: A) Release the excess pressure**