

**Duration: 50 Mins**

**Total Marks: 31**

**Q.ID: ITISKILL4722ES**

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

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

**Answer: C) Cylinder and head**

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

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

**Answer: A) Stop coolant flow**

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

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

**Answer: A) By belt**

4. 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**

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

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

**Answer: C) Two stroke engine**

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

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

**Answer: D) Impeller**

7. Which lubrication system is used separate oil tank?

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

**Answer: A) Dry sump lubrication**

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

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

**Answer: A) Worn out seal**

9. Which part is lubricated by splash lubrication system?

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

**Answer: B) Cylinder wall**

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

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

**Answer: D) Centrifugal pump**

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

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

**Answer: B) Thermo siphon system**

12. Where heat dissipation take place in cooling system?

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

**Answer: B) Radiator**

13. 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**

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

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

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

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

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

**Answer: B) Radiator cap**

16. Which oil is used in cooling system?

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

**Answer: D) Coolant oil**

17. What is the purpose of the radiator in the cooling

system?

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

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

**18.** When the thermostat valve open in engine?

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

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

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

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

**Answer: C) Core tubes**

**20.** What is the purpose of a radiator pressure cap?

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

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

**21.** What is the reason pump does not suck the oil?

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

**Answer: D) More backlash**

**22.** Which one is the properties of lubricant

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

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

**23.** How many valves are used in radiator cap?

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

**Answer: D) Two valves**

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

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

**Answer: D) Bearing noisy**

**25.** Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

**26.** Which system the gear type oil pump is used?

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

**Answer: C) Lubrication system**

**27.** What is the main purpose of the lubricant?

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

**Answer: D) Minimise the friction**

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

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

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

**29.** 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

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

**30.** 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 pressure
- D) To check oil density

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

**31.** Which mixture is used in radiator reverse flushing cleaning?

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

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