

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL6599Y3

Student Name: _____ Roll No: _____

1. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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

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

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

7. 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

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

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

9. Where heat dissipation take place in cooling system?

- A) Radiator B) Water pump

C) Fan

D) Water jackets

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

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

11. 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

12. Which part is lubricated by splash lubrication system?

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

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

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

14. 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

15. 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

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

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

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

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

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

- A) Water pump
- C) Bottom hole

- B) Core tubes
- D) Fins

- A) Boiling temperature should be low

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

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

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

20. Which oil is used in cooling system?

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

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

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

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

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

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

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

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

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

25. Which one is the properties of lubricant

- C) Oil viscosity should be suit the operating conditions

- D) Should develop foam

26. What is the main purpose of the lubricant?

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

27. How many valves are used in radiator cap?

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

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

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

30. Which part drives the oil pump?

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

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

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