

Duration: 50 Mins

Total Marks: 31

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1. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

2. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: B) Engine gets over heating

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

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

Answer: C) Thermo siphon system

5. How many valves are used in radiator cap?

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

Answer: C) Two valves

6. 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

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

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

Answer: A) Cool the hot water

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

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

Answer: C) Bearing noisy

9. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

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

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

Answer: B) Petrol-oil lubrication

11. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

Answer: D) Lubrication system

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

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

Answer: B) Core tubes

14. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: A) Worn out seal

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

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

Answer: D) Two stroke engine

17. Which one is the properties of lubricant

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

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

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

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

Answer: D) More backlash

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

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

Answer: A) Centrifugal pump

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

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

Answer: D) By belt

21. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

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

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

Answer: A) Through drilled oil passages

23. 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

24. 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

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

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

Answer: C) Cylinder and head

26. 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

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

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

Answer: A) Impeller

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

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

Answer: D) Stop coolant flow

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

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

Answer: A) Radiator cap

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

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

Answer: C) Reduce the heat

31. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator