

Student Name: _____	Roll No: _____
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1. What is the purpose of metal fins in air cooling system?

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

2. Which lubrication system is used separate oil tank?

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

3. Which part is lubricated by splash lubrication system?

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

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

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

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

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

6. Which oil is used in cooling system?

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

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

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

8. 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

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

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

10. 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

11. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

15. Which one is the properties of lubricant

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

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

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

17. 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

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

- A) Fan belt loose
- C) Low water pressure

- B) Bearing noisy
- D) Water leakage

- A) Slow coolant flow
- C) Free coolant flow

- B) Increase coolant flow
- D) Stop coolant flow

19. What is the purpose of the dip stick used in the engine?

- A) To check oil pressure
- C) To check oil density
- B) To check oil level
- D) To check oil temperature

20. Where heat dissipation take place in cooling system?

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

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

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

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

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

23. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

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

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

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

30. How many valves are used in radiator cap?

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

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

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