

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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

6. Which part is lubricated by splash lubrication system?

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

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

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

8. How many valves are used in radiator cap?

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

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

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

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

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

11. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

17. When the thermostat valve open in engine?

- A) Low temperature of engine      B) Operating temperature of engine

C) Freezing temperature of engine  
D) High temperature of engine

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

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

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

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

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

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

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

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

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

20. 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) Boiling temperature should be low  
D) Should develop foam

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

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

21. Which oil is used in cooling system?

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

28. Which part drives the oil pump?

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

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

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

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

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

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

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

30. Where heat dissipation take place in cooling system?

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

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

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

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