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Code: 9394

1. Which oil is used in cooling system?

- A) Lubricant oil                      B) Mineral oil  
**C) Coolant oil (Correct)**            D) Hydraulic oil

2. 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 (Correct)**

3. Which part drives the oil pump?

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

4. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

- A) Bearing                                  B) Shaft  
 C) Pulley                                    **D) Impeller (Correct)**

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

- A) Engine gets over cooling                      **B) Engine gets over heating (Correct)**

- C) Engine does not start                      D) Engine does not stop

10. Where heat dissipation take place in cooling system?

- A) Radiator (Correct)**                      B) Water pump  
 C) Water jackets                            D) Fan

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

- A) Gear pump                                B) Diaphragm pump  
**C) Centrifugal pump (Correct)**                      D) Reciprocating pump

12. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

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

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

18. How the water pump get drive in pump circulation

cooling system?

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

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

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

20. When the thermostat valve open in engine?

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

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

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

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

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

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

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

24. Which lubrication system is used separate oil tank?

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

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

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

26. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

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