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**Score: 22/31 (70.97%)**

**Code: 1809**

1. Which oil is used in cooling system?  
 A) Lubricant oil                      B) Mineral oil  
**C) Coolant oil (Correct)**            D) Hydraulic oil

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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)**

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3. Which part drives the oil pump?  
 A) Crank Shaft                              **B) Cam Shaft (Correct)**  
 C) Crank pulley                              D) Timing gears

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4. Which part is lubricated by splash lubrication system?  
 A) Timing gears                              B) Main journal  
 C) Crank pin                                      **D) Cylinder wall (Correct)**

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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

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6. What is the purpose of a radiator pressure cap?  
**A) Release the excess pressure**                              B) Maintain the water temperature (Incorrect)  
 C) Retain the vacuum pressure                              D) Retain the atmospheric pressure

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7. What is the purpose of water pump in cooling system?  
**A) Force the water circulation**                              B) Reduce the water pressure  
 C) Increase the water temperature                              D) Flushing out the cooling system (Incorrect)

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8. Which part is used to pump the water in water pump?  
 A) Bearing                                      B) Shaft  
 C) Pulley    **D) Impeller (Correct)**

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9. What is the effect if thermostat valve is struck?  
 A) Engine gets over cooling                              **B) Engine gets over heating (Correct)**

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10. Where heat dissipation take place in cooling system?  
**A) Radiator (Correct)**                              B) Water pump  
 C) Water jackets                              D) Fan

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11. Which type of pump is used in water cooling system?  
 A) Gear pump                                      B) Diaphragm pump (Incorrect)  
**C) Centrifugal pump**                              D) Reciprocating pump

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12. How many valves are used in radiator cap?  
 A) One valve                                      **B) Two valves (Correct)**  
 C) Three valves                                      D) Four valves

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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

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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

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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

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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

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17. Which types of cooling system the rate of cooling is very low?  
**A) Thermo siphon system**                              B) Air cooling system (Incorrect)  
 C) Forced feed system                              D) Pump circulation system

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

26. What is the main purpose of the lubricant?

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

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**                              D) Worn out impeller (Incorrect)

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

- A) Water leakage                              **B) Bearing noisy (Correct)**  
C) Low water pressure                              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**                              D) Increase coolant flow (Incorrect)

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

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