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**Score: 27/31 (87.10%)**

**Code: 7857**

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

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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
  - C) Centrifugal pump (Correct)**
  - B) Diaphragm 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
  - C) Cool the hot water**
  - B) Cool the hot oil (Incorrect)
  - 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
  - C) Reduce the heat (Correct)**
  - B) Increase 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 (Correct)**
  - B) Air cooling system
  - 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 (Correct)**                      B) Increase the friction  
C) Increase the weariness                      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 (Incorrect)  
**C) Worn out seal**                      D) Worn out impeller

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

- A) Water leakage (Incorrect)      **B) Bearing noisy**  
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 (Incorrect)  
**C) Stop coolant flow**                      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