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Score: 32/38 (84.21%)

Code: 6194

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

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**                              D) Reciprocating pump (Incorrect)

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  
**C) Reduce the heat (Correct)**                              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                      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  
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**  
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

32. What is the material used to produce crank shaft?

- A) **Chromium vanadium nickel steel (Correct)**      B) High speed steel  
C) Cast iron                                      D) Wrought iron

33. What is the material of piston pins?

- A) **Nickel chromium steel (Correct)**      B) Cast iron  
C) HSS    D) Bronze

34. What is the name the portion below the piston boss?

- A) Land of the piston                      B) Ring section of the piston (Incorrect)  
C) Crown of the piston                      D) **Skirt of the piston**

35. What type of bearing fitted in the connecting rod big end?

- A) Needle bearing                              B) Ball bearing (Incorrect)  
C) Taper roller bearing                      D) **Shell bearing**

36. Which part connect the piston with connecting rod?

- A) **Piston pin (Correct)**                              B) Spilt pin  
C) Crank pin                                      D) Cotter pin

37. Which part is connect the piston with crank pin?

- A) Push rod                                      B) **Connecting rod (Correct)**  
C) Cam Shaft                                      D) Crank Shaft

38. Which tool used to remove the crank shaft pully?

A) Double and spanner  
(Incorrect)

B) Ring spanner

C) Pipe wrench

**D) Puller**

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