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Score: 20/38 (52.63%)

Code: 4628

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 (Incorrect)            **D) Oil viscosity should be suit the operating conditions**

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 (Incorrect)            B) Main journal  
 C) Crank pin                                **D) Cylinder wall**

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

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

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

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

- A) Force the water circulation**                      B) Reduce the water pressure (Incorrect)  
 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**                      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**                      B) Air cooling system (Incorrect)  
 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**      B) Flushing water with engine oil  
C) Flushing water with coolant oil (Incorrect)      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 (Incorrect)      B) Splash lubrication  
C) Petrol - oil lubrication      **D) Dry sump lubrication**

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**      B) Increase the friction  
C) Increase the wearness (Incorrect)      D) Increase the noise

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

- A) Lubrication system**      B) Cooling system  
C) Fuel system (Incorrect)      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**  
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 (Incorrect)      **B) More backlash**  
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**      B) Cast iron (Incorrect)  
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  
C) Crown of the piston      **D) Skirt of the piston (Correct)**

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**                      B) Spilt pin  
C) Crank pin (Incorrect)      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      B) Ring spanner

C) Pipe wrench

**D) Puller (Correct)**