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Score: 14/38 (36.84%)

Code: 6249

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 (Incorrect)            **B) Cam Shaft**  
 C) Crank pulley                          D) Timing gears

4. Which part is lubricated by splash lubrication system?

- A) Timing gears                          B) Main journal (Incorrect)  
 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  
 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 (Incorrect)                      **D) Impeller**

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**                                  B) Water pump  
C) Water jackets (Incorrect)            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**  
 C) Three valves                              D) Four valves (Incorrect)

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

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

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**                      D) Cool the water pump (Incorrect)

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

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

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**  
C) By chain (Incorrect)
- B) By gear  
D) By coupling

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

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

20. When the thermostat valve open in engine?

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

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

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

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

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

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

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

24. Which lubrication system is used separate oil tank?

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

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

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

26. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

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

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

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

33. What is the material of piston pins?

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

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

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

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

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

36. Which part connect the piston with connecting rod?

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

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

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

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