

Student: MANIKANTH KUMBAR

Score: 35/38 (92.11%)

Code: 3985

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** B) Through crank pulley
 C) Through sprocket (Incorrect) 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 (Correct)** B) Reduce the water pressure
 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 (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 (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 (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
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 (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

B) Ring spanner

C) Pipe wrench

D) Puller (Correct)
