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Score: 12/38 (31.58%)

Code: 8301

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

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3. Which part drives the oil pump?
  - A) Crank Shaft
  - B) Cam Shaft**
  - C) Crank pulley (Incorrect)
  - 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**
  - B) Through crank pulley (Incorrect)
  - 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**
  - B) Maintain the water temperature
  - C) Retain the vacuum pressure (Incorrect)
  - 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**
  - B) Reduce the water pressure
  - C) Increase the water temperature (Incorrect)
  - 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**

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10. Where heat dissipation take place in cooling system?
  - A) Radiator**
  - B) Water pump
  - C) Engine does not start (Incorrect)
  - D) Engine does not stop

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11. Which type of pump is used in water cooling system?
  - A) Gear pump
  - B) Diaphragm pump (Incorrect)
  - C) Centrifugal pump**
  - D) Reciprocating pump

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12. How many valves are used in radiator cap?
  - A) One valve
  - B) Two valves**
  - C) Three valves
  - D) Four valves (Incorrect)

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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**
  - C) Water pump (Incorrect)
  - D) Bottom hole

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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)

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15. What is the purpose of metal fins in air cooling system?
  - A) Supply the heat
  - B) Increase the heat (Incorrect)
  - C) Reduce 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**
  - B) Exhaust pipe (Incorrect)
  - 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**
  - B) Air cooling system (Incorrect)
  - 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)**

C) By chain

B) By gear

D) By coupling

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

**A) Flushing water with air (gun) pressure (Correct)**

C) Flushing water with coolant oil

B) Flushing water with engine oil

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

C) Steam engine

**B) Two stroke engine (Correct)**

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 (Incorrect)

**C) Petrol-oil lubrication**

B) Wet sump lubrication

D) Splash lubrication

26. What is the main purpose of the lubricant?

**A) Minimise the friction**

C) Increase the wearness (Incorrect)

B) Increase the friction

D) Increase the noise

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

**A) Lubrication system**

B) Cooling system

C) Fuel system

D) Air conditioning system (Incorrect)

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

A) Worn out bearing (Incorrect)

**C) Worn out seal**

B) Worn out shaft

D) Worn out impeller

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

A) Water leakage

C) Low water pressure

**B) Bearing noisy**

D) Fan belt loose (Incorrect)

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

A) Free coolant flow

**C) Stop coolant flow**

B) Slow coolant flow

D) Increase coolant flow (Incorrect)

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

A) Less radial clearance

C) Relief valve struck

**B) More backlash**

D) Filter clogged (Incorrect)

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**

C) HSS

B) Cast iron (Incorrect)

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 (Incorrect)

**D) Skirt of the piston**

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

A) Needle bearing

C) Taper roller bearing

B) Ball bearing

**D) Shell bearing (Correct)**

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 (Incorrect)

C) Pipe wrench

**D) Puller**

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