

Duration: 50 Mins

Total Marks: 31

ID: ITISKILL4722ES

Student Name: _____ Roll No: _____

1. 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

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

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

3. Where the metal fins are provided in the air cooled engine?

- A) Exhaust pipe B) Cylinder and head
C) Valve door D) Intake manifold

4. Which part is used to pump the water in water pump?

- A) Pulley B) Shaft
C) Impeller D) Bearing

5. Which types of cooling system the rate of cooling is very low?

- A) Forced feed system B) Thermo siphon system
C) Pump circulation system D) Air cooling system

6. What is the purpose of a radiator pressure cap?

- A) Retain the atmospheric pressure B) Retain the vacuum pressure
C) Maintain the water temperature D) Release the excess pressure

7. What is the effect if thermostat valve is struck?

- A) Engine gets over cooling B) Engine does not stop
C) Engine gets over heating D) Engine does not start

8. When the thermostat valve open in engine?

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

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

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

10. Which oil is used in cooling system?

- A) Mineral oil B) Hydraulic oil
C) Coolant oil D) Lubricant oil

11. How many valves are used in radiator cap?

- A) Four valves B) Two valves
C) Three valves D) One valve

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

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

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

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

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

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

15. What is the main purpose of the lubricant?

- A) Increase the wearness B) Increase the friction
C) Minimise the friction D) Increase the noise

16. What is the purpose of the radiator in the cooling system?

- A) Cool the hot water B) Cool the hot oil
C) Cool the hot air D) Cool the water pump

17. Which one is the properties of lubricant

- A) Oil viscosity should be suit the operating conditions B) Boiling temperature should be low
C) Oil viscosity should not be same in hot and cold D) Should develop foam condition

18. Which type of pump is used in water cooling system?

- A) Centrifugal pump
- B) Diaphragm pump
- C) Gear pump
- D) Reciprocating pump

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

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

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

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

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

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

22. Which part is lubricated by splash lubrication system?

- A) Cylinder wall
- B) Crank pin
- C) Timing gears
- D) Main journal

23. Where heat dissipation take place in cooling system?

- A) Water pump
- B) Water jackets
- C) Fan
- D) Radiator

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

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

25. Which part drives the oil pump?

- A) Timing gears
- B) Crank pulley
- C) Cam Shaft
- D) Crank Shaft

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

- A) Flushing out the cooling system
- B) Force the water circulation
- C) Increase the water temperature
- D) Reduce the water pressure

27. How the water pump get drive in pump circulation cooling system?

- A) By gear
- B) By belt
- C) By chain
- D) By coupling

28. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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