

Duration: 50 Mins

Total Marks: 31

ID: ITISKILL7297E9

Student Name: _____ Roll No: _____

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

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

2. How many valves are used in radiator cap?

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

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

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

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

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

5. When the thermostat valve open in engine?

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

6. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

10. Which oil is used in cooling system?

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

11. Which one is the properties of lubricant

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

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

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

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

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

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

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

15. 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

16. What is the main purpose of the lubricant?

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

17. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

27. Which part drives the oil pump?

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

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

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

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

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

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

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

31. Which lubrication system is used separate oil tank?

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