

Duration: 50 Mins

Total Marks: 31

ID: ITISKILL077000

Student Name: _____ Roll No: _____

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

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

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

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

3. Which part drives the oil pump?

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

4. 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

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

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

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

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

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

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

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

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

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

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

10. Which oil is used in cooling system?

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

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

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

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

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

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

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

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

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

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

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

16. Where heat dissipation take place in cooling system?

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

17. Which one is the properties of lubricant

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

18. Which part is lubricated by splash lubrication system?

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

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

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

20. How many valves are used in radiator cap?

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

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

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

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

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

23. When the thermostat valve open in engine?

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

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

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

25. 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

D) Through vibration damper

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

A) Worn out shaft

B) Worn out seal

C) Worn out bearing

D) Worn out impeller

27. What is the main purpose of the lubricant?

A) Increase the noise

B) Increase the wearness

C) Increase the friction

D) Minimise the friction

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

A) Engine gets over heating

B) Engine gets over cooling

C) Engine does not start

D) Engine does not stop

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

A) By gear

B) By coupling

C) By belt

D) By chain

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

A) Flushing water with soap oil

B) Flushing water with air (gun) pressure

C) Flushing water with coolant oil

D) Flushing water with engine oil

31. Which lubrication system is used separate oil tank?

A) Dry sump lubrication

B) Splash lubrication

C) Petrol - oil lubrication

D) Wet sump lubrication