

Duration: 30 Mins

Total Marks: 38

ID: ITISKILL0690Q8

Student Name: _____	Roll No: _____
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1. Which engine is used the Petrol oil lubrication system?

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

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

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

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

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

4. Which oil is used in cooling system?

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

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

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

6. What is the name the portion below the piston boss?

- A) Ring section of the piston B) Crown of the piston
C) Skirt of the piston D) Land of the piston

7. What is the material used to produce crank shaft?

- A) Chromium vanadium nickel steel B) High speed steel
C) Cast iron D) Wrought iron

8. 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

9. Which one is the properties of lubricant

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

10. Which tool used to remove the crank shaft pully?

- A) Puller B) Pipe wrench
C) Ring spanner D) Double and spanner

11. What is the material of piston pins?

- A) Nickel chromium steel B) Cast iron
C) HSS D) Bronze

12. Which part is connect the piston with crank pin?

- A) Cam Shaft B) Connecting rod
C) Crank Shaft D) Push rod

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

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

14. When the thermostat valve open in engine?

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

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

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

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

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

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

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

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

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

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

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

20. Which lubrication system is used separate oil tank?

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

21. Where heat dissipation take place in cooling system?

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

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

- A) Needle bearing
- B) Taper roller bearing
- C) Ball bearing
- D) Shell bearing

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

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

24. Which part connect the piston with connecting rod?

- A) Piston pin
- B) Crank pin
- C) Cotter pin
- D) Spilt pin

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

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

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

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

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

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

28. Which part is lubricated by splash lubrication system?

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

29. Which part drives the oil pump?

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

30. What is the main purpose of the lubricant?

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

31. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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