



Model Question Paper

Marks -Allocation Auto Mechanic 1st Year – Vocational Theory

Total Marks - 90

Internal Assessment Mark - 10

Total Mark - 100

Part – A	Choose the Best Answer	$1 \times 15 = 15$ marks
Part – B	Answers the Following Ten Question	$3 \times 10 = 30$ marks
Part – C	Answer the Following 5 Question	$5 \times 5 = 25$ marks
Part – D	Answer the following 2 Questions	$2 \times 10 = 20$ marks
		Total 90 marks
		Internal Assessment 10 marks
		Total 100 marks



Auto Mechanic 1st Year – Vocational Theory
Model Question Paper
Total Marks: 90

Part – A

Choose the correct Answer

Answer all the Questions

15 × 1 = 15

1. What is the abbreviation of ABS ?
 - a) Anti Log braking system
 - b) Anti Brake System
 - c) Air Brake System
2. Which principle is used in the hydraulic Jack?
 - a) Pascal Law
 - b) Newton Law
 - c) Lever Principle
3. Honing Machine is used to
 - a) To drill the cylinder
 - b) To enlarge the hole in cylinder
 - c) To finish the cylinder bore accurately
4. What type of liquid fuel used in Automobile Engine
 - a) Mineral Oil
 - b) Vegetable Oil
 - c) Animal Oil
5. Crank throw is
 - a) The distance between TDC & BDC
 - b) Half of the stroke length
 - c) Double time of the Stroke Length
6. Which material is used for manufacturing cylinder block?
 - a) Gray cast iron or aluminum alloy
 - b) Cast iron or steel
 - c) Brass or steel
7. Connecting Rod is used to
 - a) To connect Crank shaft and cylinder head
 - b) To connect crank shaft and piston
 - c) To connect crank shaft and cylinder block
8. Which is used to prevent leakage between cylinder and cylinder head
 - a) Gasket
 - b) Oil seal
 - c) Dust cover



9. Which liner is directly contact with cooling water
 - a) Dry liner
 - b) Wet liner
 - c) None
10. Which is used to open the valve in Engine?
 - a) Crank shaft
 - b) Cam shaft
 - c) Fly Wheel
11. Which Chemical is used to prevent freezing of cooling water?
 - a) Ethyl glyed
 - b) Acetone
 - c) Methane
12. Which Value is located in Radiator Pressure cap?
 - a) Pressure valve
 - b) Thermostat valve
 - c) Pressure and vacuum valve
13. In Internal combustion Engines how many types of fuel supply system.
 - a) Two
 - b) Three
 - c) Four
14. How many types of Air entering system in a carburetor
 - a) Two
 - b) Three
 - c) Four
15. what is the Reason for engine overheating
 - a) Low level water in the radiator
 - b) Low level of fuel
 - c) Carburetor not function well

Part – B

Answer any ten questions

$3 \times 10 = 30$

Note : Question No 25 is Compelsury

16. Define Safety Precaution
17. Define First-Aid?
18. What are the Simple hand tools?
19. What are the types of hammers?
20. What is meant by volt meter?
21. Define fuels.



22. Who is invented petrol Engine?
23. What is meant by muffler?
24. What is meant by Thermostat valve?
25. What is meant by S.A.E?
26. What is meant by volatility?
27. What is meant by Trip – Sheet?

Part – C

Answer the Any Five questions

5 × 5 = 25

Note : Question No 30 is Compulsory

28. Explain any five safety precautions on the tools.
29. Mention any Five Sizes of Box spanner.
30. Write any five properties of petrol.
31. Mention any five types of Ring Spanners.
32. State any five method to control the expansion of piston due to overheat.
33. Name the types of Radiator.
34. What is meant by M.P.F.I and name the types?

Part – D

Answer all Questions

2 × 2 = 20

35. Explain about R.P.M Gauge?
(or)
Describe History of Automobile.
36. Draw a neat sketch of overhead puppet valve mechanism and Explain the same.
(or)
What is common Rail Diesel injection System and Explain.