

- Q. 8. From the following data on the cost of production of a firm, find out (i) average fixed cost and (ii) average variable cost of producing 5th unit: 3

Units of Output	0	3	5
Total Cost (₹)	50	80	120

- Q. 9. Complete the following table: 3

Units of Output	Total Cost (₹)	Total Fixed Cost (₹)	Total Variable Cost (₹)	Marginal Cost (₹)
0	150	-	-	-
1	180	-	-	-
2	200	-	-	-

- Q. 10. Calculate AC and TC with the help of the following data: 3

Output (Units)	1	2	3
MC (₹)	20	16	12

- Q. 11. Complete the following table: 3

Output (Units)	TC (₹)	TVC (₹)	MC (₹)
0	12		
1	18		
2	21		

- Q. 12. The following table shows the MC at different levels of output by a firm. Its TFC is ₹ 120. Find ATC and AVC at each level of output.

Output (Units)	1	2	3
MC (₹)	40	30	26

[Sample Paper 1997, CBSE Delhi 2000] 3

- Q. 13. Total fixed costs of a firm are ₹ 100. Its average variable cost at different levels of output is given below. Calculate total cost and marginal cost at each level of output. 4

Output (Units)	1	2	3	4
Average Variable Cost (₹)	60	56	60	64

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- Q. 14. Following information is given about a firm: 6

Output (Units)	0	1	2	3	4	5	6
Total Cost (₹)	400	550	660	790	940	1150	1460

Find out:

- (i) the average fixed cost of producing 4 units.
- (ii) the average variable cost of producing 5 units.
- (iii) the least average cost level of output.
- (iv) the marginal cost of producing the 3rd unit.
- (v) the total variable cost of producing 6 units.

- Q. 15. The cost function of a firm is given in the following table. Find out its AVC and MC at each level of output. 4

Output (Units)	0	1	2	3
TC (₹)	100	140	170	220