



INDIAN SCHOOL DARSAIT DEPARTMENT OF COMMERCE



Subject : Economics	Topic : Revenue	Date of Worksheet : _____
Resource Person: Ekta Gautam		Date : _____
Name of the Student : _____	Class & Division : _____	Roll Number : _____

S.No.		Marks
1.	When 5 units of a good are sold, total revenue is ₹ 100. When 6 units are sold, marginal revenue is ₹ 8. At what price are 6 units sold? (a) ₹ 28 per unit (b) ₹ 20 per unit (c) ₹ 18 per unit (d) ₹ 12 per unit	1
2.	Suppose total revenue is rising at a constant rate as more and more units of a commodity are sold, marginal revenue will be: (a) Greater than average revenue (b) Equal to average revenue (c) Less than average revenue (d) Rising	1
3.	Give the meaning of revenue.	1
4.		1
5.	What is the behavior of marginal revenue in a market in which a firm can sell any quantity of the output it produces at a given price?	1
6.	What is the relation between average variable cost and average total cost, if total fixed cost is zero?	1
7.	What is the relation between marginal cost and average variable cost when marginal cost is rising and average variable cost is falling?	1
8.	State the distinction between explicit cost and implicit cost. Give an example of each.	3
9.	Distinguish between fixed cost and variable costs. Give two examples of each.	3
10.	A producer starts a business by investing his own savings and hiring the labour. Identify implicit and explicit costs from the information. Explain.	3

11. A farmer takes a farm on rent and carries on farming with the help of his family members. Identify implicit and explicit costs from the information. Explain. 3
12. What are total fixed cost, total variable cost and total cost of a firm? How are they related? 3
13. Draw TVC, TC and TFC curves in a single diagram. 3
14. Draw average variable cost, average total cost and marginal cost curves in a single diagram. 3
15. Complete the following table: 3

Output (units)	Total Variable Cost	Average Variable Cost	Marginal Cost
1	90	-	30
2	-	27	-
3	-	-	27
4	180	30	-

16. Complete the following table: 3

Output (units)	Total Variable Cost	Average Variable Cost	Marginal Cost
1	10	-	-
-	-	8	6
3	27	-	-
-	-	10	13

17. Complete the following table: 3

Output (units)	Marginal cost	Average Cost	Average variable Cost	Average Fixed Cost
1	-	70	40	-
2	30	-	-	-
3	-	-	30	-
4	30	-	-	7.5
5	-	-	32	6

18. Calculate marginal cost at each level of output: 3

Output (units)	1	2	3	4	5	6
Average Variable Cost	13	11	10	10	11	12

19. Calculate average variable cost at each level of output: 3

Output (units)	1	2	3	4	5	6
Marginal Cost	13	9	8	10	15	17

20. Given below is the cost schedule of a firm. Its average fixed cost is 20 when it produces 3 units. 4

Output (units)	1	2	3
Average Variable Cost	30	28	32

21. Calculate Total cost and average variable cost of a firm at each given level of output from its cost schedule: 4

Output (units)	1	2	3	4	5	6
Average Fixed Cost	60	30	20	15	12	10
Marginal Cost	32	30	28	30	35	43

22. Complete the following table: 4

Output (units)	Marginal cost	Average Cost	Average variable Cost	Average Fixed Cost
1	-	140	-	-
2	-	-	45	-
3	45	-	-	30
4	-	-	48	22.5
5	-	-	52	18