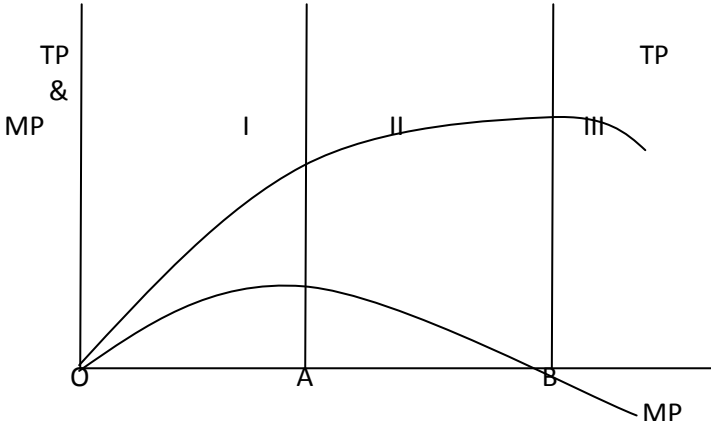


CLASS: XI	INDIAN SCHOOL MUSCAT FIRST PERIODIC TEST					SUBJECT: ECONOMICS																																			
	SET - B																																								
QP.NO.	VALUE POINTS					SPLIT UP MARKS																																			
1.	C. Reaches maximum and constant					1																																			
2.	Rs. 4					1																																			
3.	D. Total Fixed Cost remains constant as output increases					1																																			
4.	<table><tr><td>Output</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>Average Variable Cost</td><td>10</td><td>9</td><td>10</td><td>10</td></tr><tr><td>TVC</td><td>10</td><td>18</td><td>30</td><td>40</td></tr><tr><td>TFC</td><td>15</td><td>15</td><td>15</td><td>15</td></tr><tr><td>TC</td><td>25</td><td>33</td><td>45</td><td>55</td></tr><tr><td>AC</td><td>25</td><td>16.5</td><td>15</td><td>13.75</td></tr><tr><td>MC</td><td>10</td><td>8</td><td>12</td><td>10</td></tr></table> <p>TFC=AFC x Q; 3 x 5 =15 AC=TC/Q; TC= TVC+TFC MC = TCn-TCn-1</p>	Output	1	2	3	4	Average Variable Cost	10	9	10	10	TVC	10	18	30	40	TFC	15	15	15	15	TC	25	33	45	55	AC	25	16.5	15	13.75	MC	10	8	12	10					3
Output	1	2	3	4																																					
Average Variable Cost	10	9	10	10																																					
TVC	10	18	30	40																																					
TFC	15	15	15	15																																					
TC	25	33	45	55																																					
AC	25	16.5	15	13.75																																					
MC	10	8	12	10																																					
5.	<p>This reveals about the contribution of a single factor towards production. In this we vary the employment of only one factor keeping the employment of other factors other factors fixed. This states that MP initially increases with the increase in the employment of the input in question, then it diminishes and finally it becomes negative. This pattern of MP is called law of variable proportion. This law outlines three stages of production</p> <div></div> <p>Stage I: When the level of employment of an input is sufficiently low, its MP increases; TP increases at an increasing rate. This stage ends at the point when MP reaches maximum. This stage is also known as the stage of increasing returns.</p> <p>Stage II: MP diminishes but remains positive. TP will increase but at a diminishing rate. At the end of this stage MP is zero and TP reaches maximum and remain constant. This phase is also called diminishing returns.</p> <p>Stage II: MP becomes negative. TP starts to decline. This phase is also called the stage of negative returns</p>					4																																			

