



Q23. The following table gives the average product schedule of labour. Find the total product and marginal product schedules. It is given that the total product is zero at zero level of labour employment.

| L | AP_L |
|---|--------|
| 1 | 2 |
| 2 | 3 |
| 3 | 4 |
| 4 | 4.25 |
| 5 | 4 |
| 6 | 3.5 |

Ans:

| L | AP_L | $TP_L = AP \times L$ | $MP_L = TP_n - TP_{n-1}$ |
|---|--------|----------------------|--------------------------|
| 1 | 2 | $2 \times 1 = 2$ | 2 |
| 2 | 3 | $3 \times 2 = 6$ | $6 - 2 = 4$ |
| 3 | 4 | $4 \times 3 = 12$ | $12 - 6 = 6$ |
| 4 | 4.25 | $4.25 \times 4 = 17$ | $17 - 12 = 5$ |
| 5 | 4 | $4 \times 5 = 20$ | $20 - 17 = 3$ |
| 6 | 3.5 | $3.5 \times 6 = 21$ | $21 - 20 = 1$ |

***** END *****