

**ABC Analysis Problem:**

A company manages inventory for 10 different items. The annual usage and unit price of each item are given below. Perform an ABC analysis to classify the items into A, B, and C categories.

<b>Item</b>	<b>Annual Usage (Units)</b>	<b>Unit Price (₹)</b>
Item 1	1,000	50
Item 2	500	500
Item 3	2,000	10
Item 4	100	2,000
Item 5	5,000	5
Item 6	300	300
Item 7	700	150
Item 8	400	100
Item 9	3,000	20
Item 10	200	800

**Task:**

1. Calculate the annual consumption value for each item.
2. Rank the items based on their consumption value.
3. Classify them into A, B, and C categories using the 70%-20%-10% rule.