

CLASS XII
VALUE ADDED METHOD

1. Calculate a. GNP_{mp}, and b. NNP_{fc} (Rs. in crores)
 - i. Value of output in primary sector 200
 - ii. Value of output in secondary sector 250
 - iii. Value of output of tertiary sector 300
 - iv. Intermediate consumption of primary sector 50
 - v. Intermediate consumption of secondary sector 60
 - vi. Intermediate consumption of tertiary sector 60
 - vii. Net factor income from abroad (-)15
 - viii. Net indirect taxes 25
 - ix. Depreciation 20
2. Calculate GDP_{fc} and NNP_{fc} from the following. (Rs. in crores)
 1. Value of output of

Primary sector	10,000
Secondary sector	9,000
Tertiary sector	7,000
 2. Intermediate consumption of

Primary sector	5,000
Secondary	4,000
Tertiary sector	3,000
 3. Net indirect taxes 100
 4. Subsidies 60
 5. Consumption of fixed capital 400
 6. Factor income received from abroad 400
 7. Factor income paid to abroad 600
 8. Private final consumption expenditure 8,500
3. Calculate National Income by net output method. (Rs. in crores)
 - i. Gross value of output at market prices 15,500
 - ii. Value of intermediate consumption 4,800
 - iii. Consumption of fixed capital 1,550
 - iv. Indirect taxes 950
 - v. Direct taxes 780
 - vi. Subsidies 200
 - vii. Net factor income from abroad (-)200
4. Calculate Net Value added at factor costs and Gross Value Added at market prices.
 1. Domestic sales 45,900
 2. Opening stock of inventories 12,800
 3. Closing stock of inventories 16,500
 4. Exports 6,780

5.	Consumption of fixed capital	1,500
6.	Indirect taxes	1,540
7.	Direct taxes	650
8.	Purchase of raw materials from domestic market	12,100
9.	Import of raw materials	3,200
5.	Calculate Gross national Product at market prices and Net Domestic Product at factor cost	
1.	Opening stock of inventories	1450
2.	Indirect taxes	200
3.	Subsidies	50
4.	Closing stock of inventories	1750
5.	Domestic sales	5900
6.	Purchase of non-durable goods from domestic market	1500
7.	Import of raw materials	500
8.	Exports	600
9.	Factor income received from abroad	110
10.	Depreciation	380
11.	Factor income paid to abroad	90
6.	Calculate Gross Domestic Product at market prices and Net Domestic Product at factor cost	
1.	Value of output of all sectors	3200
2.	Consumption of fixed capital	300
3.	Net factor income from aboard	(-)40
4.	Value of intermediate consumption of all sectors	1800
5.	Indirect taxes	120
6.	Changes in stock of inventories	300
8.	Subsidies	70
7.	Calculate Net Value Added at Market Prices	
1.	Sales	2800
2.	Intermediate cost	1200
3.	Consumption of fixed capital	210
4.	Exports	200
5.	Changes in stock	200
6.	Subsidies	60
7.	Direct taxes	100
8.	Indirect taxes	170
8.	Calculated Gross National Product at factor cost	
1.	Value of output	5400
2.	Subsidies	150
3.	Indirect taxes	550
4.	Intermediate cost	2600
5.	Changes in stock	200
6.	Deprecation	350
7.	Net factor income from abroad	240
8.	Direct taxes	400

Hints: $GDP_{MP} = \text{Value Of Output of All Sectors} - \text{Intermediate Cost of All Sectors}.$