

## Assignment - II

Subject - Economics Teacher's Name - Ms. Geeta

Class - XII A & C Topic - National Income

Date - 29-4-2020

Q Calculate  $GVA_{fc} / GDP_{fc}$

	₹ in Thousands
Sales	500
Opening stock	30
Closing stock	20
Purchase of intermediate products	300
Purchase of Machinery	150
Subsidies	40

Ans Value of output = Sales + Change in stock

$$= 500 + (\text{closing stock} - \text{opening stock})$$
$$= 500 + (20 - 30)$$
$$= 500 - 10$$
$$= ₹ 490 \text{ thousand}$$

Intermediate consumption = Purchase of intermediate product

$$= ₹ 300 \text{ thousand}$$

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$$GVA_{mp} = \text{Value of output} - \text{Intermediate consumption}$$

$$= 490 - 300$$

$$= \text{£ } 190 \text{ thousand}$$

$$GVA_{fc} / GDP_{fc} = GVA_{mp} / GDP_{mp} - NIT$$

$$= GVA_{mp} / GDP_{mp} - (IT - \text{Subsidies})$$

$$= 190 - (0 - 40)$$

$$= 190 + 40$$

$$= \text{£ } 230 \text{ thousand}$$

Q2.  $NVA_{mp} = ?$

£ in Thousands

Sales 90

Closing stock 25

Opening stock 15

Indirect tax 10

Depreciation 20

Intermediate consumption 40

Purchase of raw material 15

Q.3 GDP<sub>FC</sub> = ?

	£ in Thousands
Sales	180
Δ in stock	15
Purchase of Raw Material	100
Subsidies	10

Q4 NDP<sub>FC</sub> = ?

	£ in Thousands
Subsidies	40
Sales	800
Depreciation	30
Export	100
Δ in stock	-30
Int. purchase	500
Purchase of Machinery	200
Import of Raw Material	60

Q5 NDP<sub>FC</sub> = ?

	£ in Thousands
Subsidy	1
sales	100
Δ in stock	10
Indirect tax	5
Intermediate consumption	30
Depreciation	15

Q6  $NDP_{FC} = ?$

	₹ in Thousands
Total Sales =	1000
Decrease in stock	70
Production of self consumption	120
Purchase of Raw Material	300
Export	150
Electricity charges	50
GST	70
Subsidy	40
Income Tax	20

Q7  $NDP_{FC} = ?$

	₹ in Thousands
Purchase of Raw Material from domestic Market	400
increase in unsold stock	60
Import of raw material	120
Domestic Sales	1200
Replacement of fixed Capital	50
Power charges	20
Exports	200
Import of Machinery	40
GST	10
Subsidy	30
Goods for self consumption	10

Q-8GDP<sub>fc</sub> = ?

₹ in thousands

Price = 30

Output = 1000

Depreciation = 1000

Intermediate consumption = 12,000

Δ in stock = 1000

GST = 6000

Q-9NDP<sub>mp</sub> = ?

₹ in thousands

Output sold

800

Price

20

GST

2000

Net change in stock

- 500

Depreciation

1000

Intermediate consumption

8000

Q-10

Value of output = ?

₹ in thousands

NDP<sub>fc</sub>

100

Intermediate consumption

75

GST

20

Subsidy

5

Depreciation

10

(Help for Q no-8 &amp; Q no-9)

\* Sales = Price × Output