

**CLASS EXERCISE- SUPPLY AND USE TABLES**

Using the following information, please compile :

1. A Supply and Use table on the pro-forma supplied
2. GDP using the production, income and expenditure approach.

**MINING INDUSTRY**

Results from the Mining Census were as follows:

<i>Receipts (including taxes on products)</i>	
Sales of Iron ore	400
Sales of coal	250
<i>Taxes on products</i>	
Iron ore tax	30
<i>Expenditure</i>	
Fuels (coal)	10
Wages and salaries	400
<i>Inventories</i>	
Change in inventories of finished goods (iron ore)	9
Change in inventories of finished goods (coal)	-10
<i>Capital formation</i>	
Purchase of cars	100

**STEEL MANUFACTURING INDUSTRY**

Results from Manufacturing Census were as follows:

<i>Receipts (values excluding taxes on products)</i>	
Sales of steel	310
<i>Expenditure</i>	
Materials (iron ore)	120
Fuels (coal)	60
Wages and salaries	100
<i>Inventories</i>	
Change in inventories of finished goods (steel)	8
Change in inventories of materials (coal)	0
Change in inventories of materials (iron ore)	4

<i>Capital formation</i>	
Purchase of cars	20

## **CAR MANUFACTURING INDUSTRY**

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Results from the Census of car manufacturing are as follows:

### *Receipts (values excluding taxes on products)*

Sales of motor vehicles	990
Car subsidy (on products) from Government	20

### *Expenditure*

Materials (steel)	230
Fuels (coal)	70
Wages and salaries	550
Employer contribution to pension funds	20

### *Change in Inventories*

Finished goods (cars)	10
Materials (steel)	-5
Materials (coal)	0

### *Capital formation*

Purchase of cars	50
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## **BALANCE OF PAYMENTS DATA**

<i>Imports</i> Cars	300
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<i>Exports</i> Coal	105
Iron ore	280
Steel	80
Cars	400

## **HOUSEHOLD SOCIO-ECONOMIC SURVEY DATA**

Results from the Survey are as follows:

Households' purchase of coal	5
Households' purchase of cars	720

<b>Derivation of major aggregates</b>	<b>Mining</b>	<b>Steel manufacture</b>	<b>Car manufacture</b>
Sales	650	310	990
- Taxes on products	30		
+ Subsidies on products			20
+ Change in inventories of finished goods and work in	-1	8	10
<b>= Output at basic prices</b>	<b>619</b>	<b>318</b>	<b>1020</b>
+ Imports			300
<b>= Total supply at basic prices</b>			
+ Taxes less Subsidies on	30	0	-20
<b>= Total supply at purchasers' prices</b>	<b>649</b>	<b>318</b>	<b>1300</b>
Purchases of materials and fuels	10	180	300
- Change in inventories of materials and fuels	0	4	-5
<b>= Intermediate consumption</b>	<b>10</b>	<b>176</b>	<b>305</b>
Output at basic prices	619	318	1020
- Intermediate consumption	10	176	305
<b>= Gross value added at basic prices</b>	<b>609</b>	<b>142</b>	<b>715</b>
= Gross value added at basic prices	609	142	715
- Compensation of employees	400	100	570
<b>= Gross operating surplus</b>	<b>209</b>	<b>42</b>	<b>145</b>





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