

**CLASS XII**  
**INCOME AND EXPENDITURE METHOD**

1. Calculate national income by income and expenditure method
 

1. Compensation of employees	13300
2. Government final consumption expenditure	3800
3. Indirect taxes	3800
4. Gross domestic fixed capital formation	6300
5. Mixed income of self employed	16100
6. Operating surplus	5000
7. Net addition to stock	1000
8. Export of goods and services	1700
9. Import of goods and services	1800
10. Private final consumption	29000
11. Net factor income from abroad	300
12. Subsidies	300
13. Consumption of fixed capital	2200
2. Calculate national income by income method and expenditure method
 

1. Compensation of employees	5200
2. Government final consumption expenditure	1500
3. Net indirect taxes	1400
4. Operating surplus	2000
5. Net exports	(-)400
6. Gross fixed capital formation	2500
7. Private final consumption expenditure	12000
8. Net addition to stocks	400
9. Net factor income from abroad	400
10. Consumption of fixed capital	1000
11. Mixed income of self employed	6400
3. Calculate GNPmp by income and expenditure method
 

1. Rent	40
2. Private final consumption expenditure	800
3. Net exports	20
4. Interest	60
5. Profit	120
6. Government final consumption	200
7. Net domestic capital formation	100
8. Compensation of employees	800
9. Consumption of fixed capital	20
10. Net indirect taxes	100
11. Net factor income from abroad	(-)20
4. From the following data calculate GNPmp
 

1. Government final consumption expenditure	250
2. Changes in stock	65
3. Net domestic capital formation	150
4. Interest	90
5. Profits	210
6. Corporation tax	50
7. Rent	100
8. Factor income from abroad	20

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|---|-----|
| 9. Indirect taxes                         | 55  |
| 10. Factor income to abroad               | 40  |
| 11. Exports                               | 60  |
| 12. Subsidies                             | 25  |
| 13. Imports                               | 80  |
| 14. Consumption of fixed capital          | 20  |
| 15. Private final consumption expenditure | 500 |
| 16. Compensation of employees             | 450 |
5. Calculate NDP<sub>fc</sub> by expenditure method and GDP<sub>mp</sub> by income method
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|---|-------|
| 1. Private final consumption expenditure    | 1540  |
| 2. Net factor income from abroad            | (-)10 |
| 3. Government final consumption expenditure | 220   |
| 4. Subsidies                                | 30    |
| 5. Mixed income of self employed            | 860   |
| 6. Imports                                  | 170   |
| 7. Consumption of fixed capital             | 120   |
| 8. Indirect taxes                           | 260   |
| 9. Rent, interest and profits               | 290   |
| 10. Compensation of employees               | 730   |
| 11. Exports                                 | 140   |
| 12. Changes in stock                        | 100   |
| 13. Net fixed capital formation             | 280   |
6. Calculate national income by income and expenditure method
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|---|--------|
| 1. Government final consumption expenditure | 7000   |
| 2. Indirect taxes                           | 9000   |
| 3. Subsidies                                | 1800   |
| 4. Mixed income of self employed            | 28000  |
| 5. Gross fixed capital formation            | 13000  |
| 6. Net addition to stock                    | 3000   |
| 7. Operating surplus                        | 10000  |
| 8. Consumption of fixed capital             | 4000   |
| 9. Private final consumption expenditure    | 51000  |
| 10. Exports                                 | 4800   |
| 11. Imports                                 | 5600   |
| 12. Net factor income from abroad           | (-)300 |
| 13. Compensation of employees               | 24000  |
7. Calculate GDP<sub>mp</sub> by value added and expenditure method
1. Value of output of: -
- |                  |      |
|------------------|------|
| Primary sector   | 2350 |
| Secondary sector | 4860 |
| Tertiary sector  | 5100 |
2. Private final consumption 2220
3. Government final consumption expenditure 1560
4. Gross business fixed capital formation 1260
5. Gross residential construction investment 740
6. Value of intermediate consumption of: -
- |                  |      |
|------------------|------|
| Primary sector   | 1960 |
| Secondary sector | 2200 |
| Tertiary sector  | 1800 |
7. Gross public investment 280
8. Increase in inventory stock 140
9. Net export 150
8. Calculate GDP<sub>mp</sub> and NNP<sub>fc</sub> by expenditure and value added method
- |  |      |
|--|------|
| 1. Private final consumption expenditure | 5380 |
| 2. Government final consumption          | 2460 |
| 3. Gross business fixed investment       | 3790 |

4. Gross residential construction investment	1270
5. Value of output of all sectors	18570
6. Gross public investment	1130
7. Intermediate consumption of all sectors	5240
8. Net factor income from abroad	(-)130
9. Decrease in inventory stock	400
10. Net imports	300
11. Consumption of fixed capital	70
12. Indirect taxes	100
13. Subsidies	40
9. Calculate GNPmp by income and value added method	
1. Wages and salaries in cash and kind	1780
2. Rent and royalty	2400
3. Interest and profits	3920
4. Value of output	15560
5. Employers contribution to social security schemes	200
6. Mixed income of self employed	1140
7. Changes in stock	2130
8. Value of intermediate goods	5560
9. Gross domestic investment	2430
10. Employees contribution to social security schemes	240
11. Net factor income from abroad	(-)30
12. Indirect taxes	150
13. Subsidies	40
14. Net domestic investment	1980

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