

| | | | |
|-----|---|----|-------------|
| 51 | Expenditure Method | | |
| | Private Final consumption expenditure | | 1000 |
| | Government Final Consumption expenditure | | 300 |
| | Net domestic capital formation (Investment) | | |
| | Net domestic fixed capital formation | | 150 |
| | Change in stock | | -10 |
| | Closing Stock | 40 | |
| | Less - Opening Stock | 50 | |
| | Net Exports | | -20 |
| | Exports | | |
| | Less - Imports | | |
| | NDP at MP | | 1420 |
| Add | Depreciation | | 30 |
| Add | NFIFA | | 10 |
| | GDP at FC | | 1460 |

| | | | |
|----|---|--|------|
| 52 | Income Method | | |
| | Compensation of Employees | | 1200 |
| | Wages and Salaries in Cash | | |
| | Payments in Kind | | |
| | Employers contribution to social security | | |
| | Pension on Retirement | | |
| | Operating Surplus | | 300 |
| | Rent/Royalty | | |

| | | |
|-----|---|------|
| | Interest | |
| | Profit | |
| | Dividends | |
| | Corporate Tax | |
| | Undistributed profits (Retained Earnings) | |
| | Mixed Income of self employed | 500 |
| | Net Domestic Product at Factor Cost | 2000 |
| Add | Depreciation | 100 |
| Add | NFIFA | -10 |
| Add | Net Indirect Taxes | 250 |
| | GNP at MP | 2340 |

53 **National Income by Product Method**

| | | | |
|------|-------------------------------|------|------------|
| | Value of Output | | 1950 |
| | Primary Sector | 1000 | |
| | Secondary Sector | 500 | |
| | Tertiary Sector | 450 | |
| Less | Intermediate Consumption | | 1205 |
| | Primary Sector | 630 | |
| | Secondary Sector | 310 | |
| | Tertiary Sector | 265 | |
| | GVA at MP or GDP at MP | | 745 |
| Less | Depreciation | | 40 |
| Add | NFIFA | | -5 |

Less Net Indirect Taxes 80

NNP at FC 620

Income Method

Compensation of Employees 245

Wages and Salaries in Cash

Payments in Kind

Employers contribution to social security

Pension on Retirement

Operating Surplus

Rent/Royalty 25

Interest 40

Profit 30

Dividends

Corporate Tax

Undistributed profits (Retained Earnings)

Mixed Income of self employed 285

Net Domestic Product at Factor Cost 625

Add NFIFA -5

NNP at FC 620

Expenditure Method

Private Final consumption expenditure 515

Government Final Consumption expenditure 75

Gross domestic capital formation (Investment)

Gross domestic fixed capital formation 130

Change in stock 30

| | | | |
|------|---|------------|----|
| | Closing Stock | 70 | |
| | Less - Opening Stock | 40 | |
| | Net Exports | | -5 |
| | Exports | | |
| | Less - Imports | | |
| | GDP at MP | 745 | |
| Less | Depreciation | 40 | |
| Add | NFIFA | -5 | |
| Less | Net Indirect Taxes | 80 | |
| | NNP at FC | 620 | |
| 54 | Expenditure Method | | |
| | Private Final consumption expenditure | 600 | |
| | Government Final Consumption expenditure | 200 | |
| | Net domestic capital formation (Investment) | | |
| | Net domestic fixed capital formation | 110 | |
| | Change in stock | -10 | |
| | Closing Stock | | |
| | Less - Opening Stock | | |
| | Net Exports | | 20 |
| | Exports | | |
| | Less - Imports | | |
| | NDP at MP | 920 | |
| Add | NFIFA | -10 | |
| Less | Net Indirect Taxes | 70 | |
| | NNP at FC | 840 | |
| 55 | Income Method | | |

| | | |
|-------------------------------|---|-------------|
| Compensation of Employees | | |
| | Wages and Salaries in Cash | 1000 |
| | Payments in Kind | |
| | Employers contribution to social security | 100 |
| | Pension on Retirement | |
| Operating Surplus | | |
| | Rent/Royalty | 300 |
| | Interest | 400 |
| | Profit | |
| | Dividends | 200 |
| | Corporate Tax | 50 |
| | Undistributed profits (Retained Earnings) | 60 |
| Mixed Income of self employed | | |
| | Net Domestic Product at Factor Cost | 2110 |
| Add | NFIFA | 20 |
| Add | Net Indirect Taxes | 80 |
| | NNP at FC | 2210 |

56

Expenditure Method

| | | |
|---|--|------|
| | Private Final consumption expenditure | 1000 |
| | Government Final Consumption expenditure | 300 |
| Net domestic capital formation (Investment) | | |
| | Net domestic fixed capital formation | 110 |
| | Change in stock | 0 |
| | Closing Stock | 20 |
| | Less - Opening Stock | 20 |
| | Net Exports | 15 |
| | Exports | |
| | Less - Imports | |

| | | |
|-----|------------------|-------------|
| | NDP at MP | 1425 |
| Add | Depreciation | 100 |
| Add | NFIFA | 10 |
| | NNP at FC | 1535 |

| | | |
|----|---|-----|
| 57 | Expenditure Method | |
| | Private Final consumption expenditure | 600 |
| | Government Final Consumption expenditure | 100 |
| | Net domestic capital formation (Investment) | 110 |
| | Net domestic fixed capital formation | |
| | Change in stock | 0 |
| | Closing Stock | |
| | Less - Opening Stock | |
| | Net Exports | -20 |
| | Exports | |
| | Less - Imports | |

| | | |
|------|--------------------|--------------|
| | NDP at MP | 790 |
| Less | Net Indirect Taxes | 100 (120-20) |
| Add | NFIFA | -5 |
| | NNP at FC | 685 |

| | | |
|----|---|-----|
| 58 | Expenditure Method | |
| | Private Final consumption expenditure | 300 |
| | Government Final Consumption expenditure | 100 |
| | Gross domestic capital formation (Investment) | |
| | Gross domestic fixed capital formation | 50 |
| | Change in stock | 0 |

| | | | | |
|----|------|---|------------|-----|
| | | Closing Stock | 25 | |
| | | Less - Opening Stock | 25 | |
| | | Net Exports | | 10 |
| | | Exports | | |
| | | Less - Imports | | |
| | | GDP at MP | 460 | |
| | Less | Net Indirect Taxes | 80 | |
| | Less | Depreciation | 20 | |
| | | NNP at FC | 360 | |
| 59 | | Expenditure Method | | |
| | | Private Final consumption expenditure | 600 | |
| | | Government Final Consumption expenditure | 100 | |
| | | Net domestic capital formation (Investment) | | |
| | | Net domestic fixed capital formation | 80 | |
| | | Change in stock | -10 | |
| | | Closing Stock | 10 | |
| | | Less - Opening Stock | 20 | |
| | | Net Exports | | |
| | | Exports | 50 | -10 |
| | | Less - Imports | 60 | |
| | | NDP at MP | 760 | |
| | Add | NFIFA | -30 | |
| | | NNP at FC | 730 | |
| 60 | | Expenditure Method | | |
| | | Private Final consumption expenditure | 600 | |
| | | Government Final Consumption expenditure | 300 | |

| | | |
|------|---|------------|
| | Net domestic capital formation (Investment) | 150 |
| | Net domestic fixed capital formation | |
| | Change in stock | 0 |
| | Closing Stock | |
| | Less - Opening Stock | |
| | Net Exports | 50 |
| | Exports | 0 |
| | Less - Imports | |
| | NDP at MP | 1100 |
| Add | NFIFA | -20 |
| Less | Net Indirect Taxes | 90 |
| | NNP at FC | 990 |
| 61 | Expenditure Method | |
| | Private Final consumption expenditure | 400 |
| | Government Final Consumption expenditure | 200 |
| | Net domestic capital formation (Investment) | 100 |
| | Net domestic fixed capital formation | |
| | Change in stock | |
| | Closing Stock | |
| | Less - Opening Stock | |
| | Net Exports | 40 |
| | Exports | |
| | Less - Imports | |
| | NDP at MP | 740 |
| Add | NFIFA | -10 |
| Less | Net Indirect Taxes | 80 |
| | NNP at FC | 650 |

| | | | |
|------|---|------|--------------|
| 62 | Expenditure Method | | |
| | Private Final consumption expenditure | | 42865 |
| | Government Final Consumption expenditure | | 5100 |
| | Gross domestic capital formation (Investment) | | |
| | Gross domestic fixed capital formation | | 9029 |
| | Change in stock | | 2323 |
| | Closing Stock | | |
| | Less - Opening Stock | | |
| | Net Exports | | -377 |
| | Exports | 2800 | |
| | Less - Imports | 3177 | |
| | GDP at MP | | 58940 |
| Add | NFIFA | | -325 |
| Less | Net Indirect Taxes | | 5168 |
| Less | Depreciation | | 3023 |
| | NNP at FC | | 50424 |

Income Method

| | | | |
|--|---|--|-------|
| | Compensation of Employees | | 17818 |
| | Wages and Salaries in Cash | | |
| | Payments in Kind | | |
| | Employers contribution to social security | | |
| | Pension on Retirement | | |
| | Operating Surplus | | 6890 |
| | Rent/Royalty | | |
| | Interest | | |
| | Profit | | |

| | | |
|-----|---|--------------|
| | Dividends | |
| | Corporate Tax | |
| | Undistributed profits (Retained Earnings) | |
| | Mixed Income of self employed | 26041 |
| | Net Domestic Product at Factor Cost | 50749 |
| Add | NFIFA | -325 |
| | NNP at FC | 50424 |
| 63 | Expenditure Method | |
| | Private Final consumption expenditure | 2940 |
| | Government Final Consumption expenditure | 864 |
| | Net domestic capital formation (Investment) | 396 |
| | Net domestic fixed capital formation | |
| | Change in stock | |
| | Closing Stock | |
| | Less - Opening Stock | |
| | Net Exports | 36 |
| | Exports | |
| | Less - Imports | |
| | NDP at MP | 4236 |
| Add | NFIFA | 15 |
| Add | Depreciation | 324 |
| | NNP at FC | 4575 |
| | Income Method | |
| | Compensation of Employees | |
| | Wages and Salaries in Cash | 2544 |

| | | |
|-----|---|--------------|
| | Payments in Kind | |
| | Employers contribution to social security | 108 |
| | Pension on Retirement | |
| | Operating Surplus | |
| | Rent/Royalty | 168 |
| | Interest | 156 |
| | Profit | |
| | Dividends | 192 |
| | Corporate Tax | 228 |
| | Undistributed profits (Retained Earnings) | 252 |
| | Mixed Income of self employed | 372 |
| | Net Domestic Product at Factor Cost | 4020 |
| Add | Depreciation | 324 |
| Add | NFIFA | 15 |
| Add | Net Indirect Taxes | 216 |
| | NNP at FC | 4575 |
| 64 | Income Method | |
| | Compensation of Employees | 500 |
| | Wages and Salaries in Cash | |
| | Payments in Kind | |
| | Employers contribution to social security | |
| | Pension on Retirement | |
| | Operating Surplus | |
| | Rent/Royalty | 120 (100+20) |
| | Interest | 110 |
| | Profit | 200 |
| | Dividends | |
| | Corporate Tax | |

| | | |
|-----|---|--------------|
| | Undistributed profits (Retained Earnings) | |
| | Mixed Income of self employed | 600 |
| | Net Domestic Product at Factor Cost | 1530 |
| Add | Depreciation | 20 (140-120) |
| Add | NFIFA | -10 |
| Add | Net Indirect Taxes | 150 |
| | NNP at FC | 1690 |

Note : Social security contribution by employer already included in Compensation of employees

| | | |
|------|---|-------------|
| 65 | Expenditure Method | |
| | Private Final consumption expenditure | 800 |
| | Government Final Consumption expenditure | 200 |
| | Net domestic capital formation (Investment) | 100 |
| | Net domestic fixed capital formation | |
| | Change in stock | |
| | Closing Stock | |
| | Less - Opening Stock | |
| | Net Exports | 20 |
| | Exports | |
| | Less - Imports | |
| | NDP at MP | 1120 |
| Less | Net Indirect Taxes | 120 |
| | NNP at FC | 1000 |

| | | |
|----|--|-----|
| 66 | Expenditure Method | |
| | Private Final consumption expenditure | 400 |
| | Government Final Consumption expenditure | 90 |

| | | |
|------|---|-----|
| | Gross domestic capital formation (Investment) | |
| | Gross domestic fixed capital formation | 80 |
| | Change in stock | 10 |
| | Closing Stock | 20 |
| | Less - Opening Stock | 10 |
| | Net Exports | -5 |
| | Exports | 10 |
| | Less - Imports | 15 |
| | GDP at MP | 575 |
| Less | Depreciation | 25 |
| | NDP at MP | 550 |
| 67 | Compensation of Employees | 700 |
| | Wages and Salaries in Cash | |
| | Payments in Kind | |
| | Employers contribution to social security | |
| | Pension on Retirement | |
| | Operating Surplus | |
| | Rent/Royalty | 100 |
| | Interest | 90 |
| | Profit | |
| | Dividends | 20 |
| | Corporate Tax | 30 |
| | Undistributed profits (Retained Earnings) | 10 |
| | Mixed Income of self employed | |
| | Net Domestic Product at Factor Cost | 950 |
| Add | NFIFA | 10 |

| | | | |
|----|------|---|-------------|
| | Add | Net Indirect Taxes | 110 |
| | | NNP at FC | 1070 |
| 68 | | Sales | 300 |
| | Add | Change in Stock | 20 |
| | | Value of Output | 320 |
| | Less | Intermediate Consumption | 120 |
| | | GDP at MP or GVA at MP | 200 |
| | Less | Depreication | 30 |
| | Less | Net Indirect Taxes | 15 |
| | | NVA at FC or NDP at FC | 155 |
| 69 | | Expenditure Method | |
| | | Private Final consumption expenditure | 500 |
| | | Government Final Consumption expenditure | 200 |
| | | Net domestic capital formation (Investment) | |
| | | Net domestic fixed capital formation | 100 |
| | | Change in stock | 20 |
| | | Closing Stock | |
| | | Less - Opening Stock | |
| | | Net Exports | 40 |
| | | Exports | |
| | | Less - Imports | |
| | | NDP at MP | 860 |
| | Less | Net Indirect Taxes | 50 |
| | Add | NFIFA | 30 |

| | | |
|------|---|------|
| | NDP at MP | 840 |
| 70 | Expenditure Method | |
| | Private Final consumption expenditure | 2000 |
| | Government Final Consumption expenditure | 500 |
| | Net domestic capital formation (Investment) | |
| | Net domestic fixed capital formation | 250 |
| | Change in stock | -50 |
| | Closing Stock | |
| | Less - Opening Stock | |
| | Net Exports | 60 |
| | Exports | |
| | Less - Imports | |
| | NDP at MP | 2760 |
| Less | Net Indirect Taxes | 100 |
| Add | NFIFA | -70 |
| | NDP at MP | 2590 |
| 71 | Domestic Sales | 3000 |
| Add | Exports | 500 |
| | Total Sales | 3500 |
| Add | Change in Stock | -100 |
| | Value of Output | 3400 |
| Less | Intermediate Consumption | 2000 |
| | GVA at MP or GDP at MP | 1400 |
| Less | Net Indirect Taxes | 250 |

| | | |
|-----|---|--------------|
| | GVA at FC or GDP at FC | 1150 |
| 72 | Compensation of Employees | 3000 |
| | Wages and Salaries in Cash | |
| | Payments in Kind | |
| | Employers contribution to social security | |
| | Pension on Retirement | |
| | Operating Surplus | |
| | Rent/Royalty | 500 |
| | Interest | 800 |
| | Profit | 1500 |
| | Dividends | |
| | Corporate Tax | |
| | Undistributed profits (Retained Earnings) | |
| | Mixed Income of self employed | 5000 |
| | Net Domestic Product at Factor Cost | 10800 |
| Add | Depreciation | 200 |
| Add | Net Indirect Taxes | 400 |
| Add | NFIFA | -100 |
| | GNP at MP | 11300 |

Note : Dividends already included in profits

| | | |
|----|---|------|
| 73 | Compensation of Employees | 4000 |
| | Wages and Salaries in Cash | |
| | Payments in Kind | |
| | Employers contribution to social security | |
| | Pension on Retirement | |
| | Operating Surplus | |

| | | |
|-----|---|--------------|
| | Rent/Royalty | 800 |
| | Interest | 700 |
| | Profit | 1500 |
| | Dividends | |
| | Corporate Tax | |
| | Undistributed profits (Retained Earnings) | |
| | Mixed Income of self employed | 8000 |
| | Net Domestic Product at Factor Cost | 15000 |
| Add | Net Indirect Taxes | 1000 |
| | GNP at MP | 16000 |

Note : Dividends already included in profits

Note : Social Security Contribution by employers already included in Compensation of Employees

| | | |
|----|---|-------|
| 74 | Compensation of Employees | 3000 |
| | Wages and Salaries in Cash | |
| | Payments in Kind | |
| | Employers contribution to social security | |
| | Pension on Retirement | |
| | Operating Surplus | |
| | Rent/Royalty | 400 |
| | Interest | 600 |
| | Profit | 800 |
| | Dividends | |
| | Corporate Tax | |
| | Undistributed profits (Retained Earnings) | |
| | Mixed Income of self employed | 6000 |
| | Net Domestic Product at Factor Cost | 10800 |

| | | |
|-----|------------------|--------------|
| Add | Depreciation | 1000 |
| Add | NFIFA | -700 |
| | GNP at MP | 11100 |

Note : Dividends already included in profits

| | | | |
|------|---|-----|--------------|
| 75 | Expenditure Method | | |
| | Private Final consumption expenditure | | 8000 |
| | Government Final Consumption expenditure | | 1000 |
| | Gross domestic capital formation (Investment) | | |
| | Gross domestic fixed capital formation | | 500 |
| | Change in stock | | 100 |
| | Closing Stock | | |
| | Less - Opening Stock | | |
| | Net Exports | | -50 |
| | Exports | 70 | |
| | Less - Imports | 120 | |
| | GDP at MP | | 9550 |
| Less | Depreciation | | 60 |
| Less | Net Indirect Taxes | | 650 (700-50) |
| | NDP at FC | | 8840 |

76 (a) Compensation Of Employees + Operating Surplus + Mixed Income + Depreciation = GDP at FC
 $375 + OS + 180 + 170 = 920$
 $OS = 920 - 375 - 180 - 170$
Operating Surplus = 195

76(b) Private FCE + Govt FCE + GDFixed Capital F + Change In Stock + Net Exports - Net Indirect Taxes = GDP at FC

$470 + GFCE + 140 + 140 + (-50) - 60 = 920$
 $GFCE = 920 - 470 - 140 - 140 + 50 + 60$
 Govt FCE = 280

| | | |
|----|---|-----|
| 77 | Compensation of Employees | 600 |
| | Wages and Salaries in Cash | |
| | Payments in Kind | |
| | Employers contribution to social security | |
| | Pension on Retirement | |
| | Operating Surplus | |
| | Rent/Royalty | 100 |
| | Interest | 150 |
| | Profit | |
| | Dividends | 50 |
| | Corporate Tax | 30 |
| | Undistributed profits (Retained Earnings) | 20 |
| | Mixed Income of self employed | |
| | Net Domestic Product at Factor Cost | 950 |

Note : Employer contribution already included in Compensation of Employees

78(a) $PFCE + GFCE + GDCF + \text{Net Exports} - \text{Depreciation} + NFIFA - \text{Net Indirect Taxes} = \text{National Income}$
 $PFCE + 12500 + 17000 + 2000 - 700 + 500 - 1000 = 50000$
 $PFCE = 50000 - 12500 - 17000 - 2000 + 700 - 500 + 1000$
Private Final Consumption Expenditure = 19700

78(b) $\text{Wages and Salaries} + \text{Operating Surplus} + \text{Mixed income} + NFIFA = \text{National Income}$
 $20000 + \text{Operating Surplus} + 13000 + 500 = 50000$

Operating Surplus = 50000-20000-13000-500
Operating Surplus = 16500

79(a) PFCE + GFCE + GDCF + Net Exports - Depreciation + NFIFA - Net Indirect Taxes = National Income
11000 + 14000 + GDCF + 3000 - 300 + 700 - 300 = 30000
GDCF = 30000 - 11000 - 14000 - 3000 + 300 - 700 + 300
Gross Domestic Capital Formation = 1900

79(b) Wages and Salaries + Operating Surplus + Mixed income + NFIFA = National Income
Wages and Salaries + 12000 + 3500 + 700 = 30000
Wages and Salaries = 30000 - 12000 - 3500 - 700
Wages and Salaries = 13800

80 Compensation of Employees + rent + interest + profits + Mixed Income + Depreciation + Net Indirect Taxes = GDP at MP
9300 + 800 + Interest + 1100 + 3500 + 700 + (1500-700) = 17500
Interest = 17500 - 9300 - 800 - 1100 - 3500 - 700 - 1500 + 700
Interest = 1300

81(a) Wages and Salaries + Operating Surplus + Mixed income + NFIFA = National Income
2200+Operating Surplus + 700 + 150 = 5000
Operating Surplus = 5000-2200-700-150
Operating Surplus = 1950

81(b) PFCE + GFCE + GDCF + Net Exports - Depreciation + NFIFA - Net Indirect Taxes = National Income
2200 + 1300 + 1100 + NE - 200 + 150 - 150 = 5000
Net Exports = 5000 - 2200 - 1300 - 1100 + 200 - 150 + 150
Net Exports = 600

82

Compensation of Employees + rent + interest + profits + Mixed Income + Depreciation + Net Indirect Taxes = GDP at MP

$17300 + 2000 + 1200 + 1800 + \text{Mixed Income} + 1100 + (2100 - 750) = 27500$

Mixed Income = $27500 - 17300 - 2000 - 1200 - 1800 - 1100 - 2100 + 750$

Mixed Income

2750