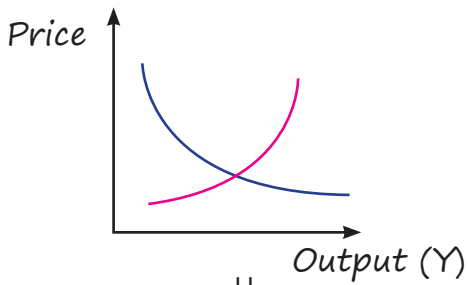


INTRODUCTION TO MACRO ECONOMICS

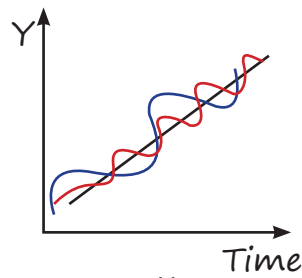
AD & AS

Business Cycle

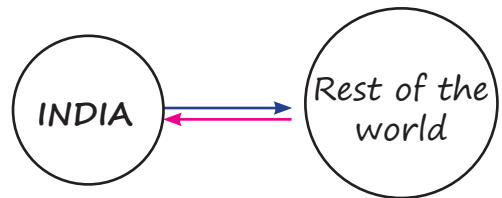
Globalization



National Income (Chap I)



Fiscal Policy (Chap II) & Monetary Policy (Chap III)

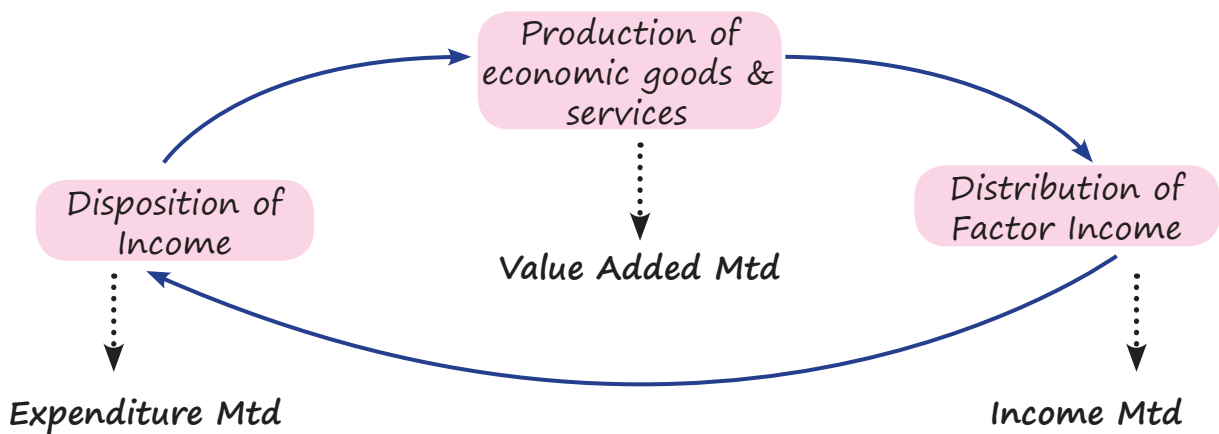


International Trade (Chap IV)

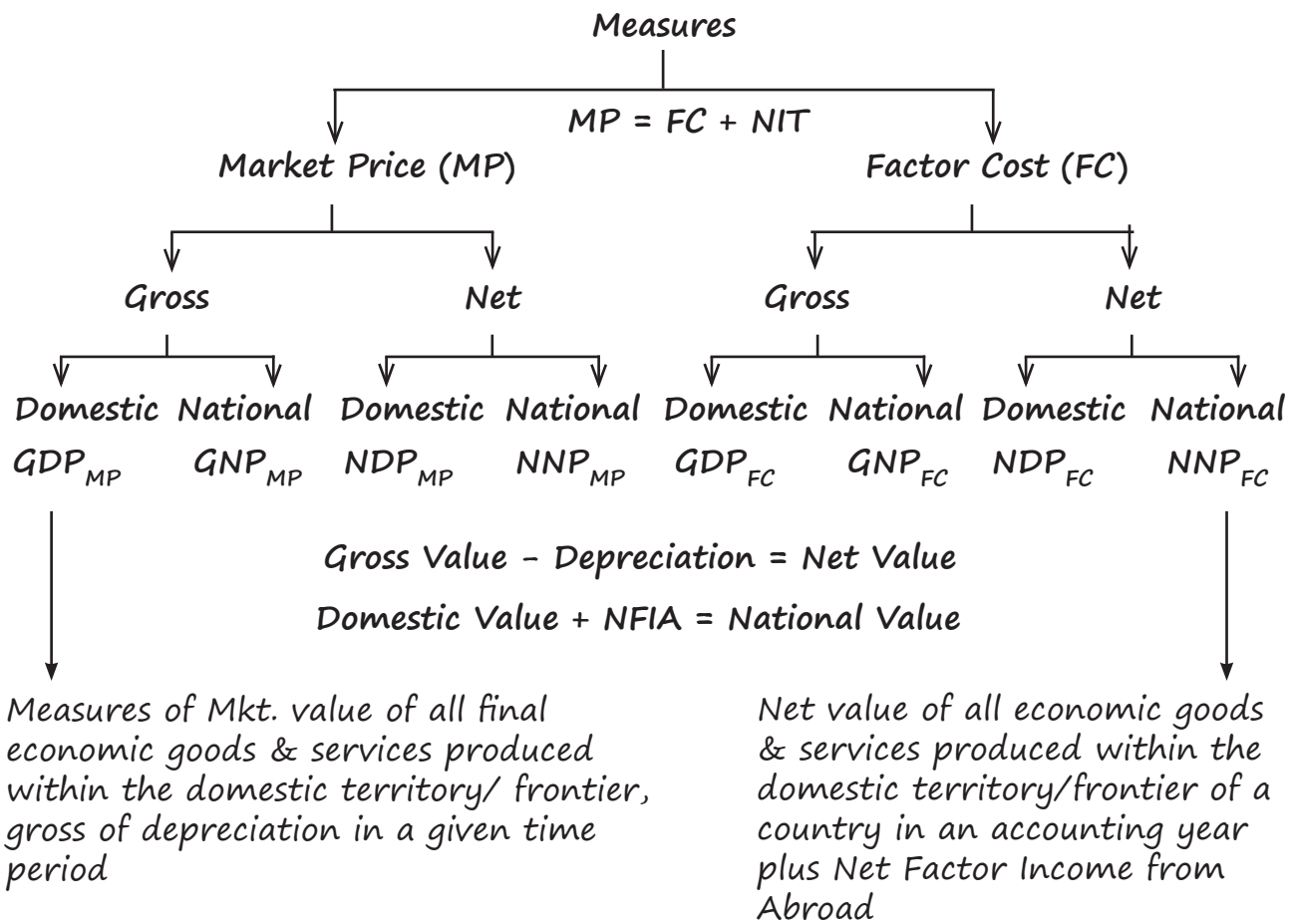
NATIONAL INCOME

UNIT-1

1. Circular Flow of Income (NI Computation)



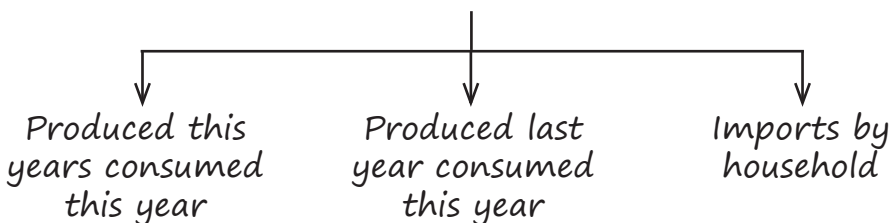
2. Measures of NI



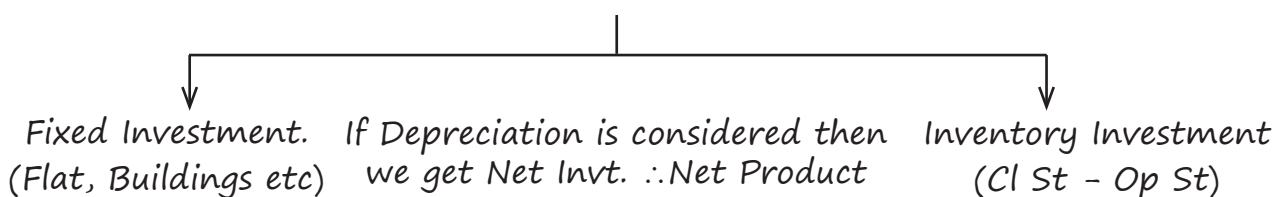
3. Measurement of NI

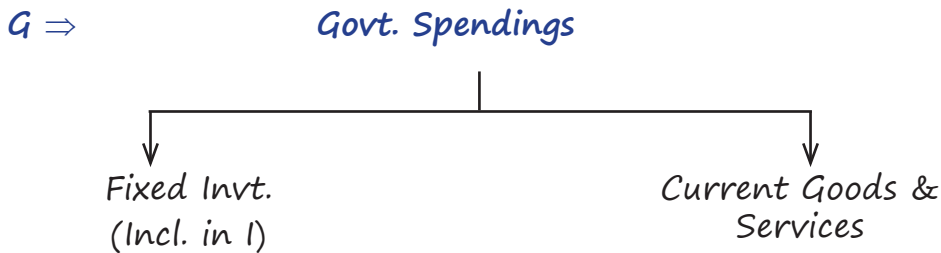
A. Expenditure Method : $C + I + G + (X-M)$

$C \Rightarrow$ Consumption by Household



$I \Rightarrow$ Investment by Business Sectors





$(X-M) \Rightarrow$ Export - Import (NX)

If NFIA is considered then National Product

B. Income Method : $R + I + P + W$

$R \Rightarrow$ Rent & Royalty

$I \Rightarrow$ Interest

$P \Rightarrow$ Profit

$W \Rightarrow$ Wages or compensation to employees

Mixed Income is also included

C. Production Method OR Valued Added Method :

Value of All Output - Value of All Intermediate Goods

4. Other Points

Economic Activities

Creation of goods & services by exchange & has a mkt. value.

Non-Economic Activities

If Either it is not exchanged or it has no Mkt. value.

All Non-Economic activities are excluded from NI except

1. Self-consumption of Agricultural Produce.
2. Imputed or Original Rent
3. Expenditure done by Govt. on current goods & Services.

Transfers Payment are excluded from NI.

Financial Transactions are excluded from NI

Exchange of previously produced goods are excluded from NI.

Any value of service that occur during the sale of above 2 pts are included in NI.

Illegal activities are excluded from NI.

5. Personal Income & Disposable Personal Income

$$\begin{aligned} \text{PI} &= \text{NI} + \text{Income received but not earned} - \text{Income earned but not received} \\ &= \text{NNP}_{\text{Fc}} + \text{TP} - \text{Corporate tax, R/E} \end{aligned}$$

$$\text{DPI} = \text{PI} - \text{Personal Income tax}$$

6. Nominal GDP v/s Real GDP

Value of Current year Production at current year prices = Nominal GDP

Value of Current year Production at base year prices = Real GDP

$$\text{GDP Index OR NI Index OR NI deflator} = \frac{\text{Nominal GDP}}{\text{Real GDP}} \times 100\%$$

$$7. \text{ Per Capital Income} = \frac{\text{Real GDP}}{\text{Total Popln.}}$$

8. Misc. Topics

- Usefulness of NI
- Measurement of NI in India
- System of Regional Accounts in India
- Limitation & Challenge of NI Computation

9. Sums from ICAI

UNIT - II

1. Assumption

Supply is perfectly elastic (i.e., at bottle neck)

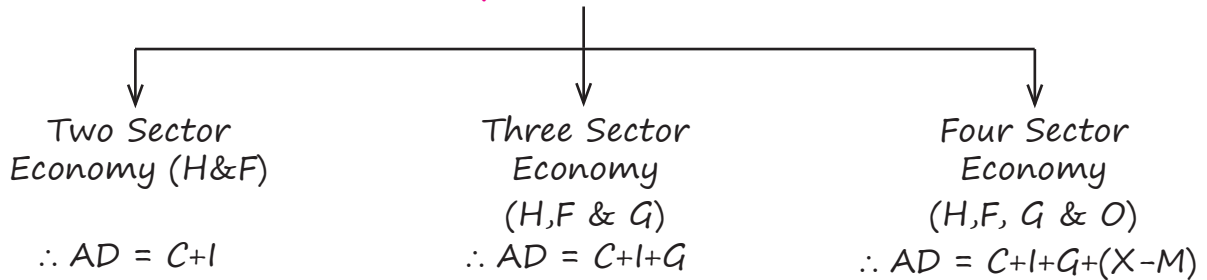
∴ Y only depends upon AD.

Equl pt ⇒ Y = AD & NI = PI = DPI.

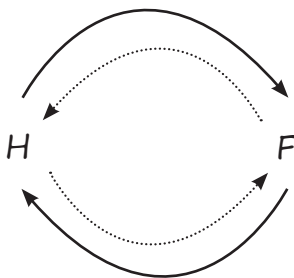
∴ If Y increases, disposable Income increases, C increases.

2.

Component of AD

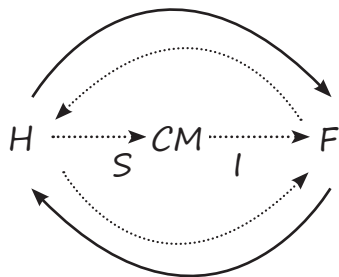


Without savings & Invt.

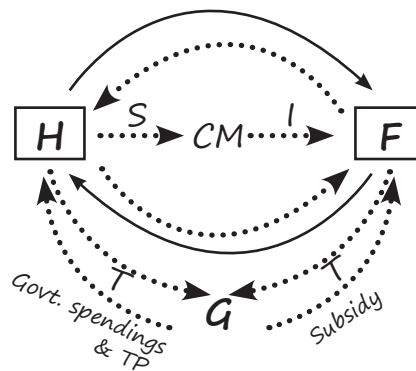


Equl : Total production = Total Consumption
Y = AD

With savings & Invt.

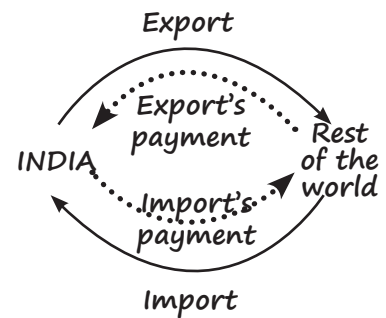


Equl : C+S (Leakage) = C+I (Injection)
Y = AD
Investment Multiplier = $\frac{1}{1-b}$



Equl : S+T = I+G
C+S+T = C+I+G
Y = AD

Govt Multiplier = $\frac{1}{1-b}$



Equl : C+S+T+M = C+I+G+X
C+S+T = C+I+G+(X-M)
Y = AD

X is exogenous (World's Income)

M is indogenous (India's Income)

∴ Y depends upon M

Magical Prosperity to Import

M = V Y

V (↑) = M/Y (↓)

∴ Keynes Multiplier = $\frac{1}{1-b+v}$

Note :

1. The rate of change of C with respect of Y is called Marginal Propensity to consume (b)

$$0 \leq MPC \leq 1$$

2. $MPS = 1 - MPC$

3. There is a minimum level of consumption known as autonomous consumption which exist even if $Y = 0$ [a].

4. $C = a + bY$ & $S = -a + (1 - b)Y$

PUBLIC FINANCE

UNIT-1

1. Introduction

- A. Public Finance** – It is a study of income & expenditure of government at central, state or local level.
- B. Fiscal Policy** – Policies under which govt uses the instrument of taxation, public spendings & public borrowings to achieve various economical objectives.

2. Various economical objectives

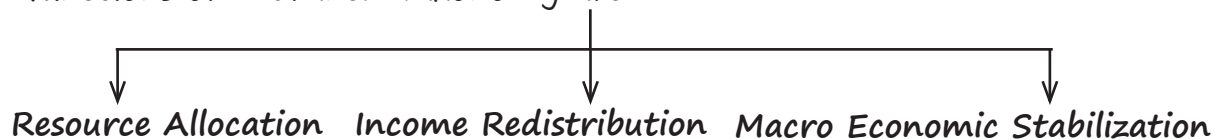
- 1) Economic Stability :
- 2) Full employment output
- 3) Optimum employment
- 4) Economic growth.
- 5) Price stability
- 6) Equality of Income
- 7) External equilibrium

3. Public Revenue v/s Public Receipt

Public Revenue	Public Receipt
Taxation	Public Revenue
Profit or Revenue	Public Borrowings
Div or Interest form Securities	Issue of New Currency

4. Functions of Government

Given of Richard Musgrave in his classic treatise “the theory of public finance”. The 3 functions or 3 branch Taxonomy are :



We need best use of resources with minimum wastage. If resources left only in hands of market there is misuse of such resources hence govt performs Resource Allocation Function.

To achieve equality govt performs Income Redistribution Function through following tools :

1. Progressive taxation scheme
2. Farmer Loan Waiver
3. Free Medicine & food distribution
4. Preferential treatment of targetted problems

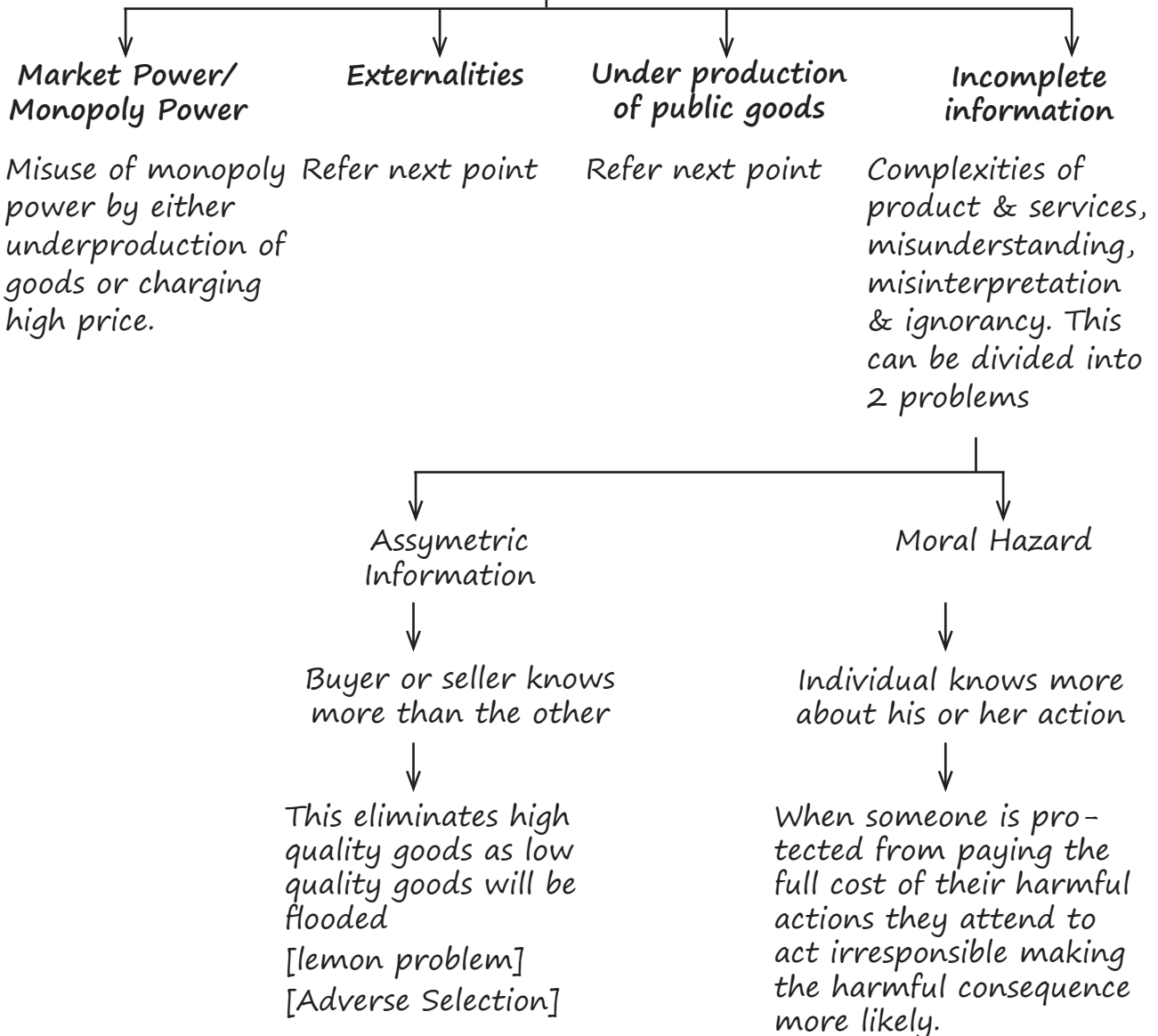
There is huge fluctuation in business cycle due to market mechanism so to smoothen it govt. came up with policies. Stabilization issue becomes more complex as because of globalization causes forces of instability to get easily transmitted from one country to another called CONTAGION EFFECT

UNIT II

1. Market Failure

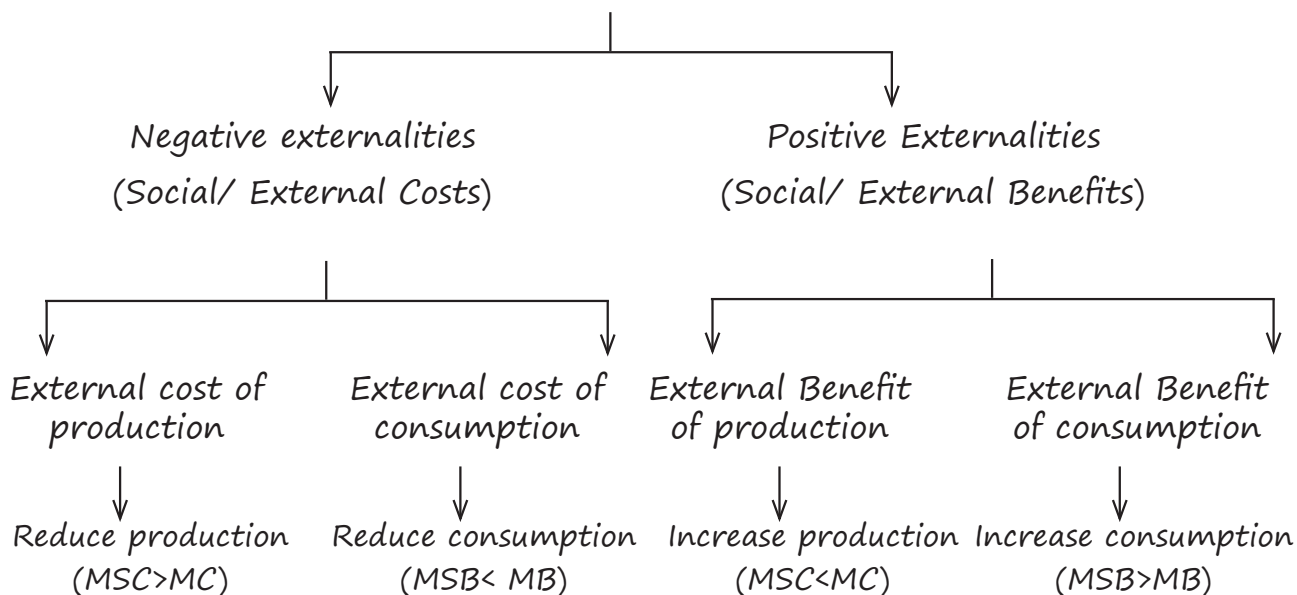
It is a situation in which the free market leads to misallocation of societies scarce resources in the sense that there is either over/under production/ consumption of particular goods & services leading to less optimal outcome.

Why do Market Fails -



2. Externalities

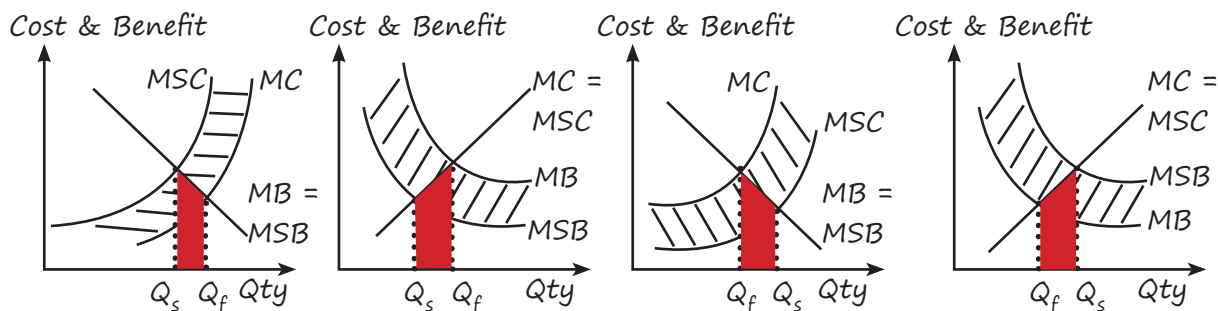
Spill over effect/ third-party effect/ neighbourhood effect/ side effect



Note :

Social cost (Supply side) = Private Cost + Net externalities of production (External Cost of production - External Benefit of production)

Social Benefit (Demand side) = Private Benefit + Net externalities of consumption (External Benefit of consumption - External Cost of consumption)



Note :

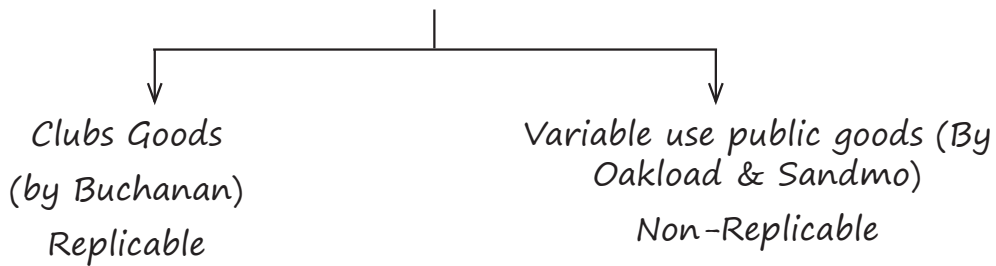
Other two types of externalities → Unidirectional & Reciprocal.

3. Public Goods

CLASSIFICATION	Excludable	Non-Excludable
Rivalrous	Private Goods	Common access resources
Non Rivalrous	Impure Public Goods	Public Goods (Free Rider Problem)

4. Impure Public Goods / Quasi Goods / Near Public Goods / Mixed Goods

Defence, Education, Medical Treatment etc.

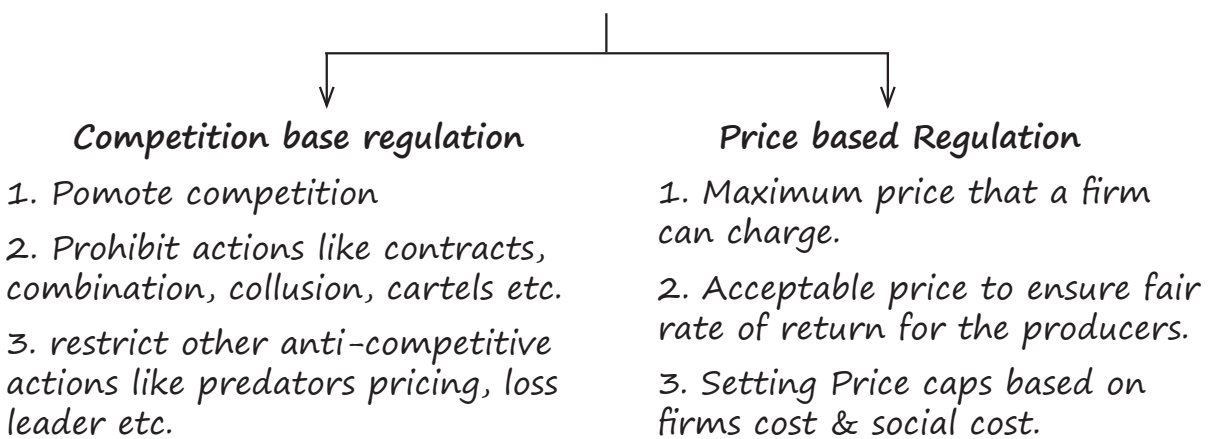


5. Common Access Resources

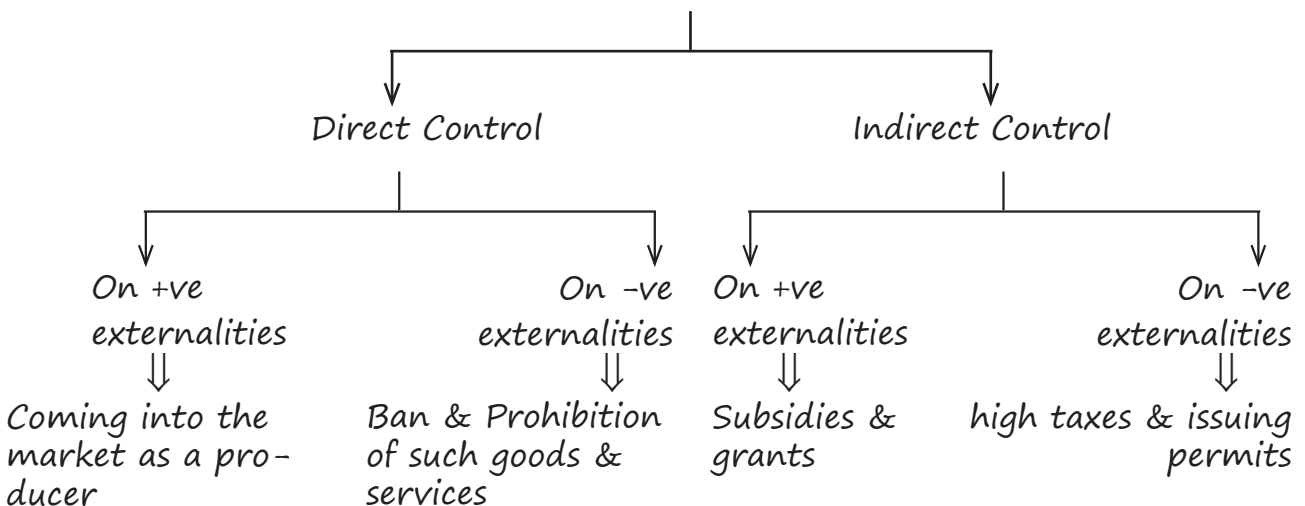
e.g. Fisherman collecting fish from pond, honey bee collecting honey from flowers etc
Cause depletion & degradation of environment & is a threat for Sustainability for future generation (TRAGEDY OF COMMON).

UNIT III

1. Govt. Intervention to Minimize Market Power

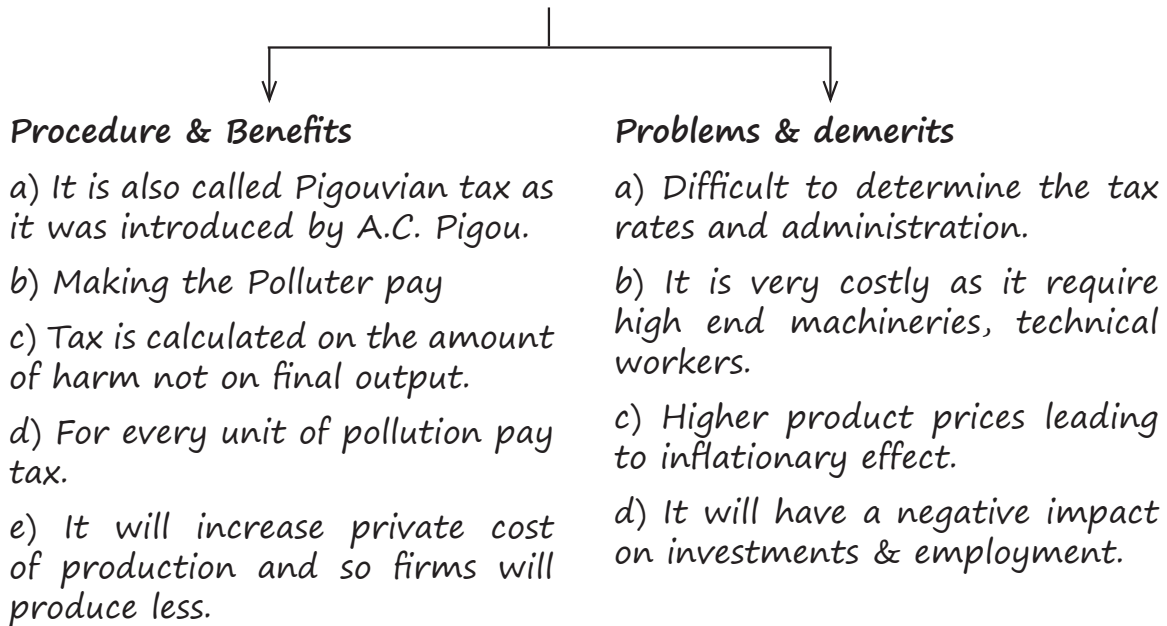


2. Govt. Intervention to Minimize negative externalities & Maximize positive externalities

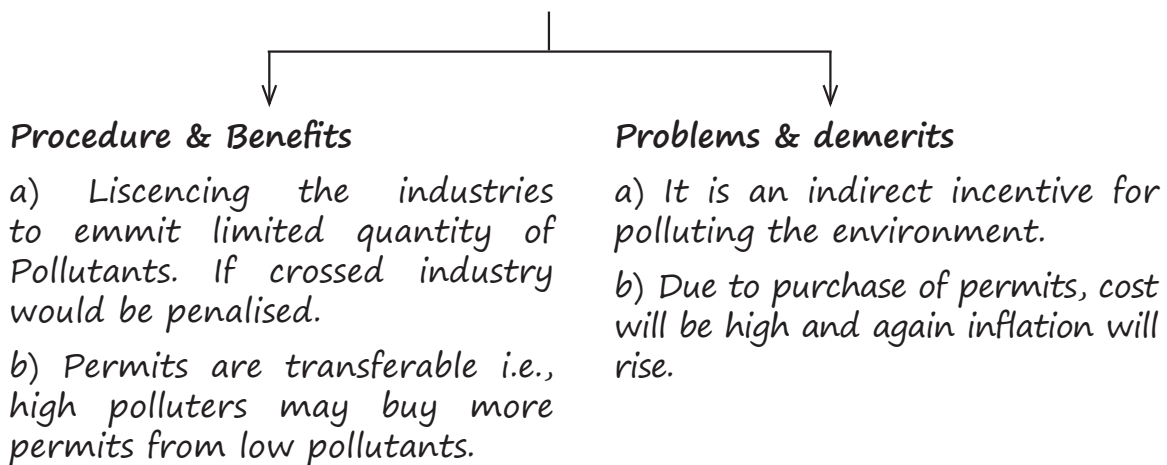


Notes

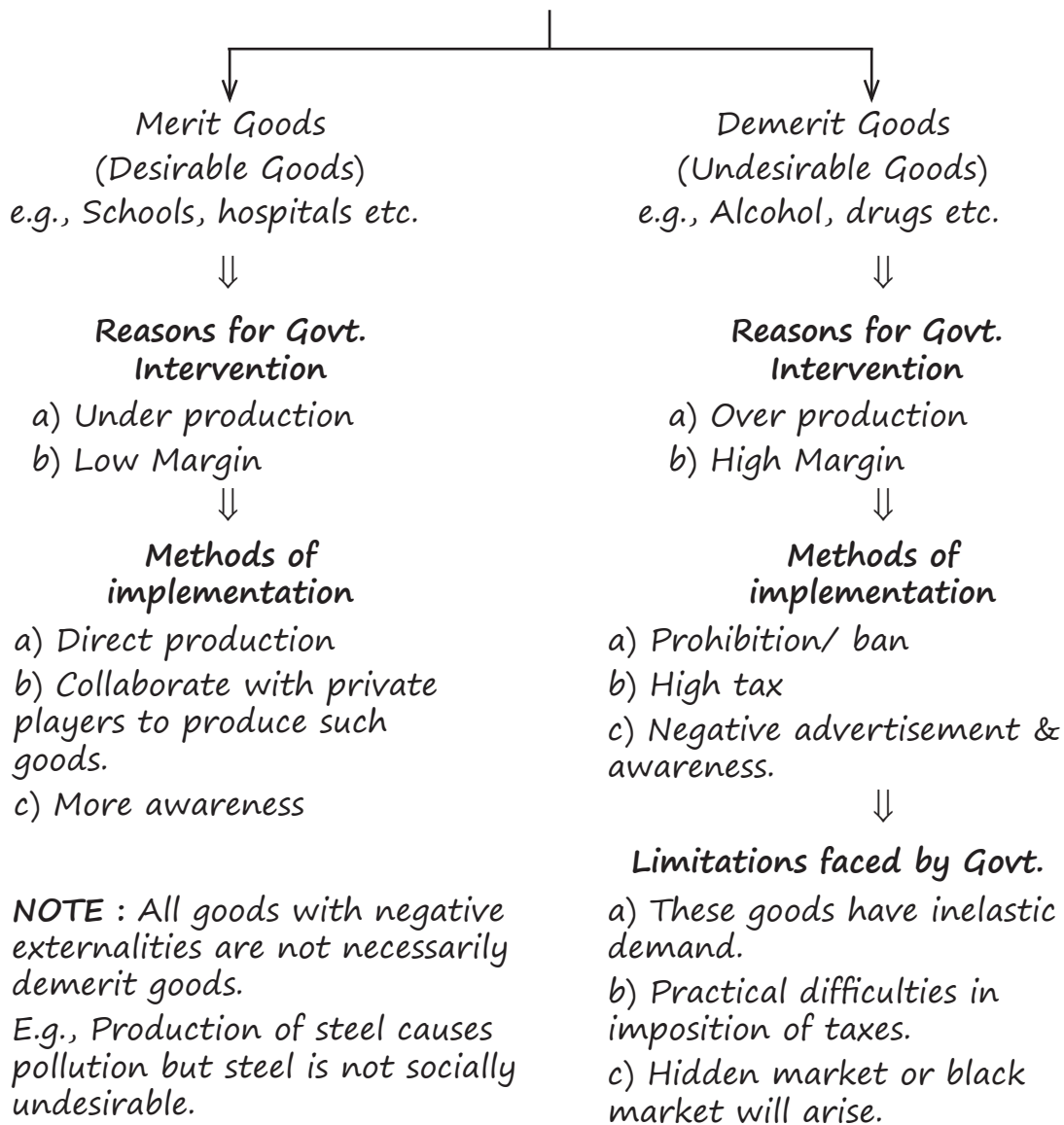
1. Taxes as a measure of Indirect control



2. Issuing permits as a measure of Indirect Control



3. Government intervention in case of merit goods and Demerit goods

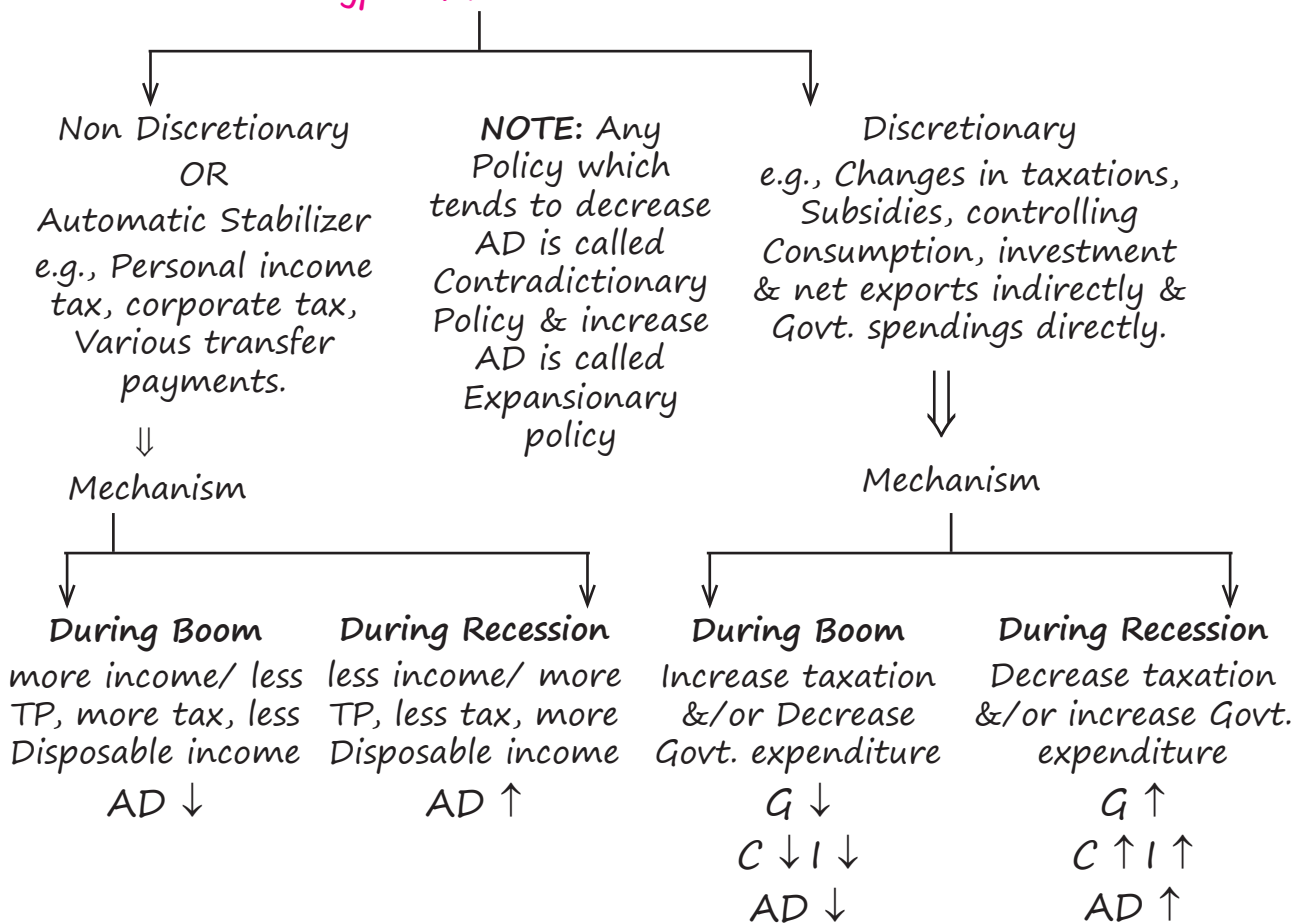


4. Govt. intervention in case of incomplete information

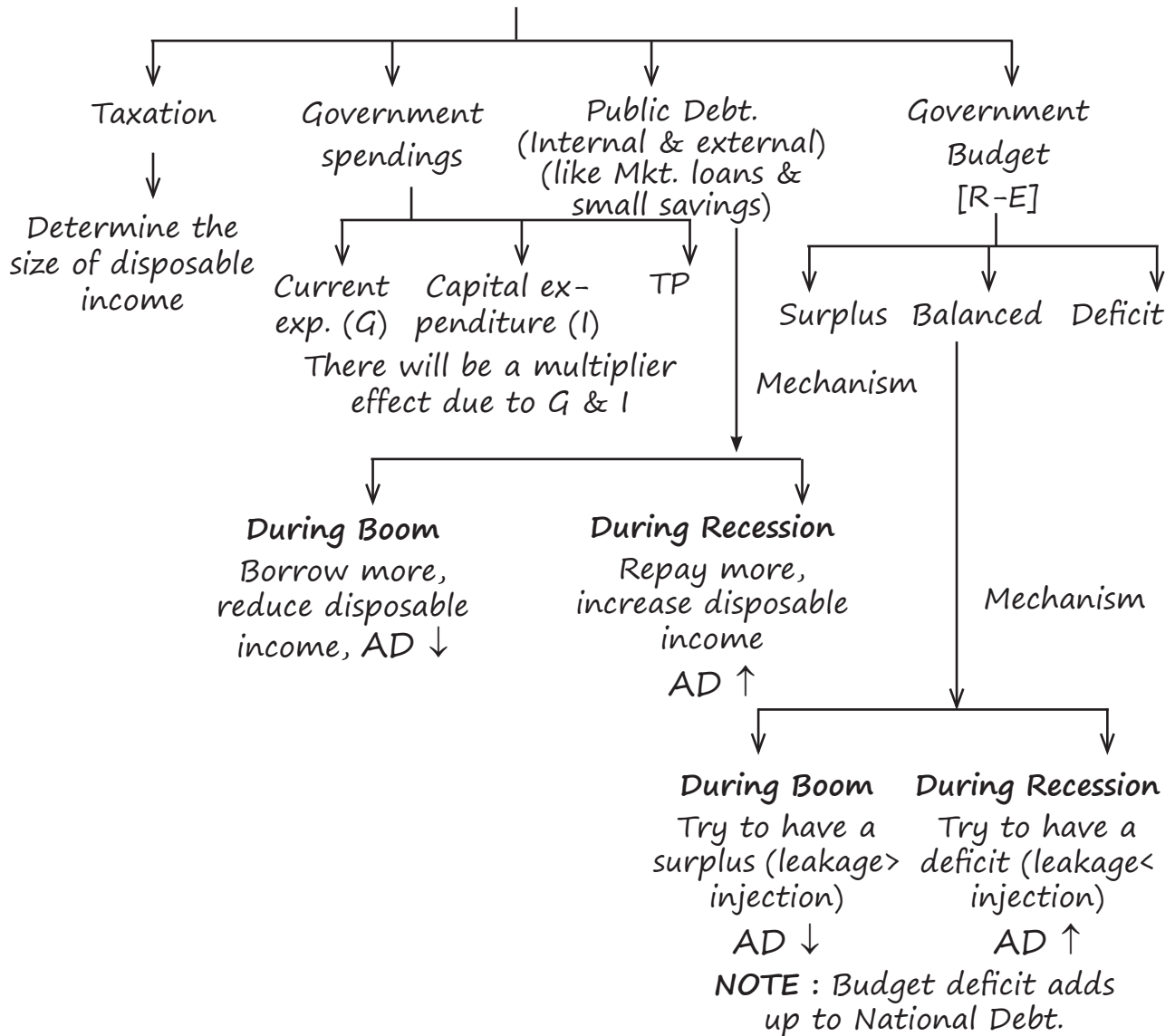
- a) Regulations of advertising & setting up of advertising standards to make people more informative & aware.
- b) Mandatory to have accurate labelling & content disclosures in various goods & services by the producers.

UNIT IV

1. Types of Fiscal Policies



2. Tools of Fiscal Policies



3. Limitations of Fiscal Policies

