SAMPURNA JUNE 2024

ECONOMICS

Chapter 6

Determination of National Income

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RECAP OF PREVIOUS LECTURE

1) National Income Accounting

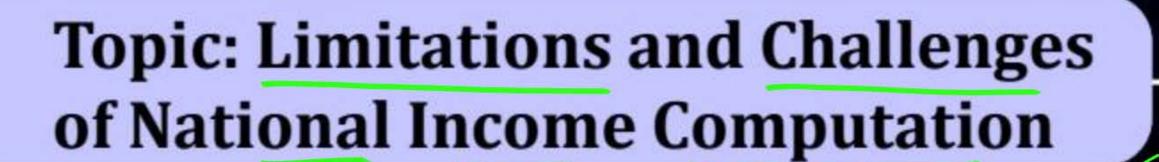




TOPICS TO BE COVERED

1) National Income Accounting







The task of computing National Income is more complex in underdeveloped and developing countries. There are many conceptual difficulties related to measurement which are difficult to resolve, such as:

- a) lack of an agreed definition of national income,
- b) accurate distinction between final goods and intermediate goods,
- c) issue of transfer payments,
- d) difficulty of incorporating distribution of income,
- e) valuation of a new good at constant prices, and
- f) Inadequacy of data and lack of reliability of available data,
- g) absence of recording of incomes due to illiteracy and ignorance,
- h) lack of proper occupational classification, and
- i) accurate estimation of consumption of fixed capital



Calculate the aggregate value of depreciation when the GDP at market price of a country in a #Q. particular year was ₹ 1,100 Crores. Net Factor Income from Abroad was ₹ 100 Crores. The value of Indirect taxes - Subsidies was ₹ 150 Crores and National Income was ₹ 850 Crores.

SOLUTION



Given,

GDP_{MP} = 1100 Crores, NFIA = 100 Crores, NIT =150 Crores, NNP_{FC} = 850 Crores

 $\therefore GDP_{FC} = GDP_{MP} - NIT = 1100 - 150 = 950$

 $GNP_{FC} = GDP_{FC} + NFIA = 950 + 100 = 1050$

 $NNP_{FC} = GNP_{FC} - Depreciation$

= 1050- Depreciation

Depreciation = 1050 - 850 = 200 Crores.



Disposable income = Income - Tax + Transfer

Income that you can spend

income = 100.

Tax =
$$-2$$
 $\frac{98}{\sqrt{103}}$



Net National Disposable income (NNDI)

= (NI) + Net Current Transfee

GNDI = NNDI + Dep.



Ransfer Capital



	Net National Disposable Income (NNDI)	
=	Net National Income (NNI)	
+	Other net current transfers from the rest of the world Receipts Less Payment	ts
	$OR \qquad 98 = 100 - 2$	

	Net National Disposable Income (NNDI)
=	Net National Income
+	Net taxes on income and wealth receivable from abroad
+	Net social contributions and benefits receivable from abroad 2



Gross Nationa	l Disposable Income	(GNDI)
---------------	---------------------	--------

= NNDI + CFC De?

OR

	Gross National Disposable Income (GNDI)		
=	GNI		
+	Other Net current transfers from the rest the world (Receipts less payments)		

Other Current Transfers refer to current transfers other than the primary incomes

= NI + Dep + Net Current Transfee

= GNI + Net current Transfer

NNPFC+Dep. = GNPFC.



Personal income (PI)

Income of Personal Sector

Household Sector

Non-Profit Institution

Serving Household NPISH



Private income

Income of Ryl. Sector

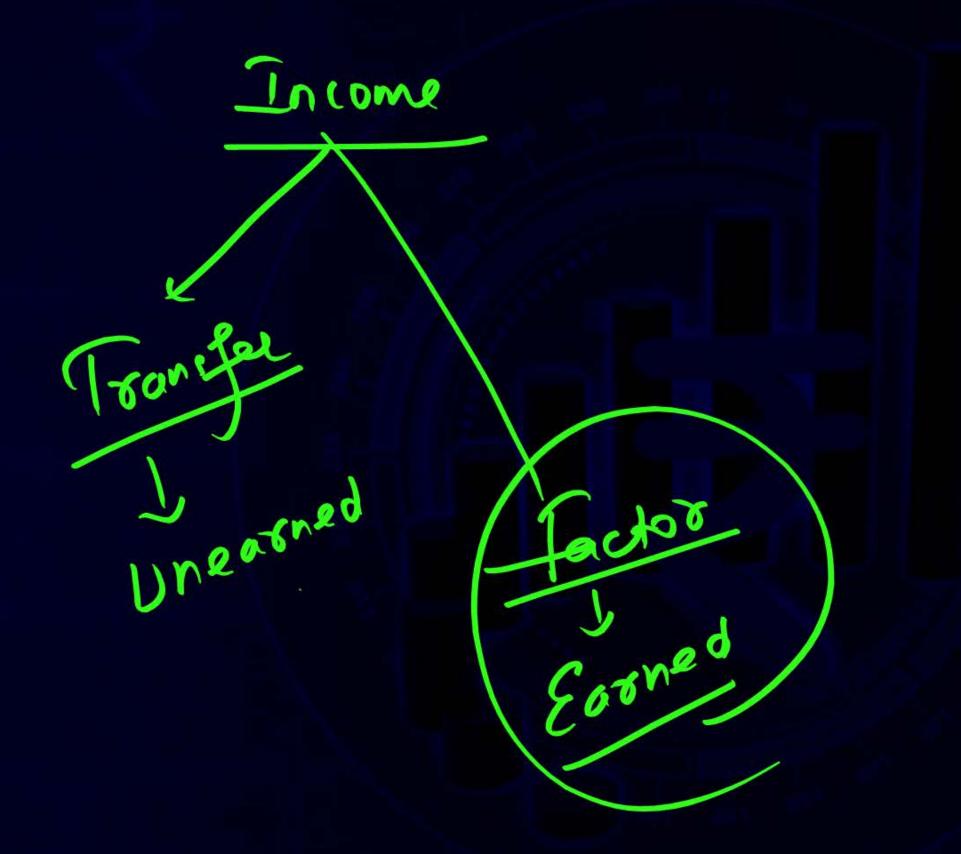
Personal Sector
Partit making firms



income received

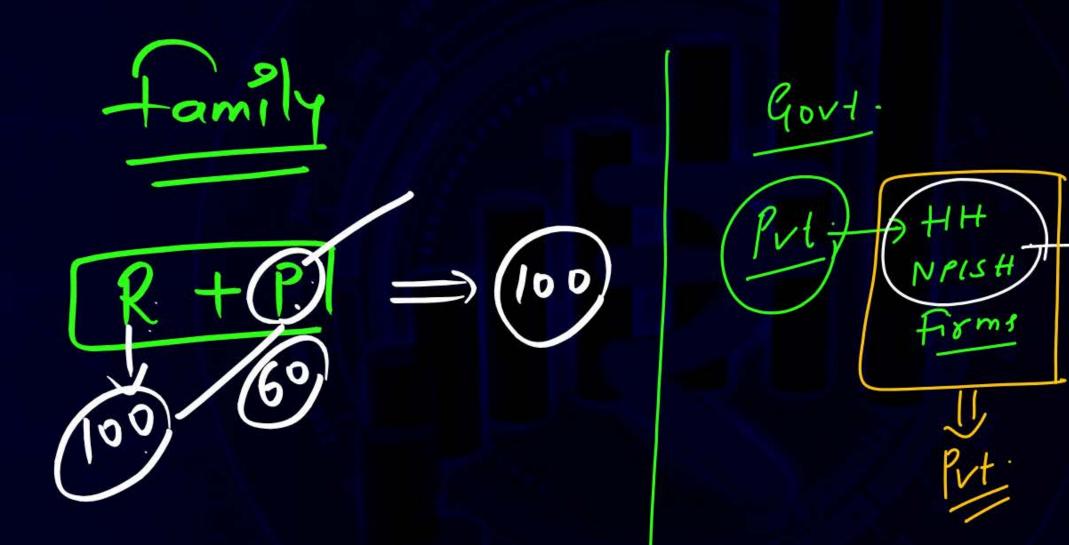
income receivable - Not yet received



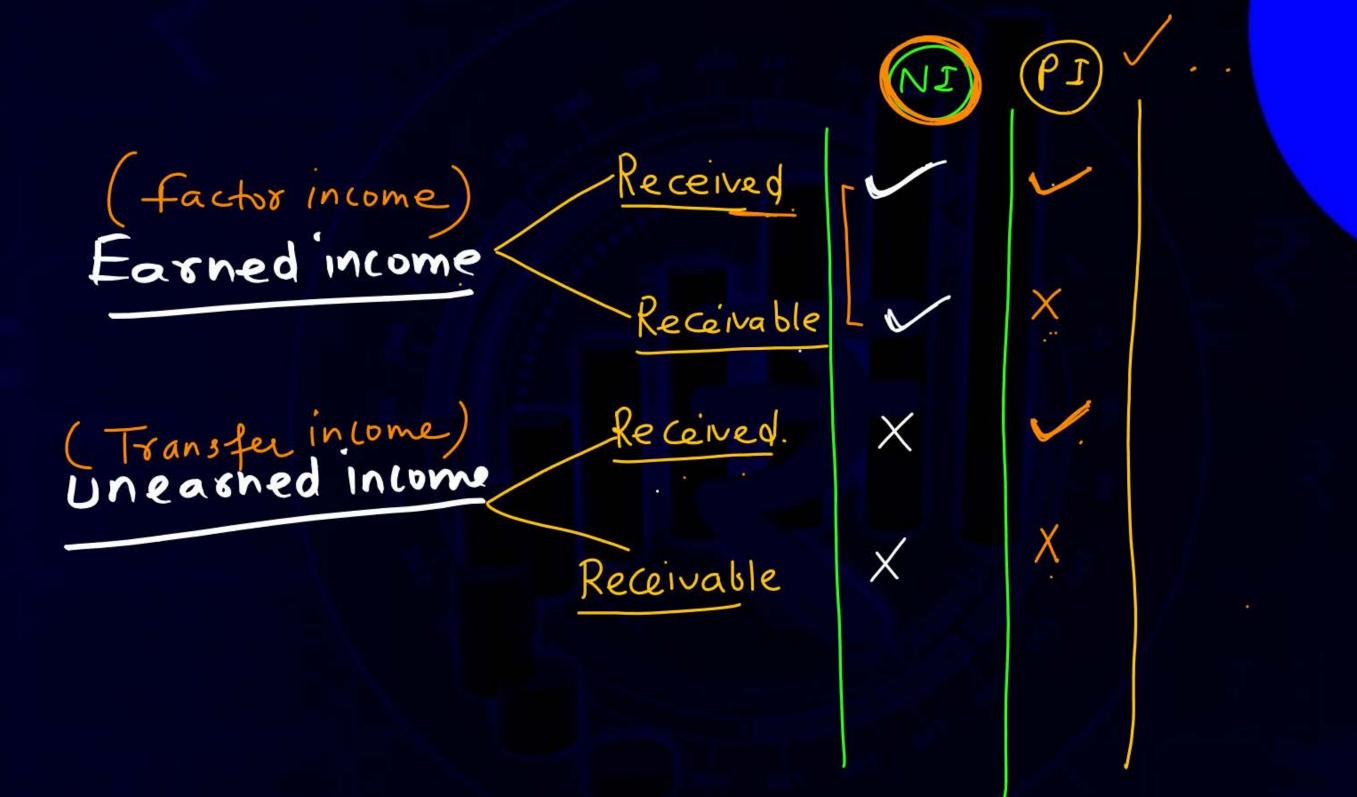




(PI)









		(NI)	PI
Farmed Income	Received	W	V
Earned Income	Receivable	W	×
Transferred Income	Received	. X	W.
(Income Not Earned)	Receivable	X	×

PI = NI) - Income earned but not received + Income not earned but received

(100) - (3)

Receivables + (9)

Transfer .



Topic: Personal Income

= NI - Income + Income Earned . Not Earned but Not Earned . but received

=	National Income
1	Undistributed Profits .
-	Net Interest Payment made by households income Earned but
	Corporate tax not received
+	Transfer Payments to the households from firms and government

Personal Income

NNPFC— Income Earned not received

Income Not Earned but received

= NI-

Corp. tax Undistributed Pargit 12 ogit by HH

+ from & govs.





Private Income		-
Less: Undistributed Profits		(-)
Less: Corporate Tax		(-)
	Personal Income	_



Pet income

- tax

_ Undertributes

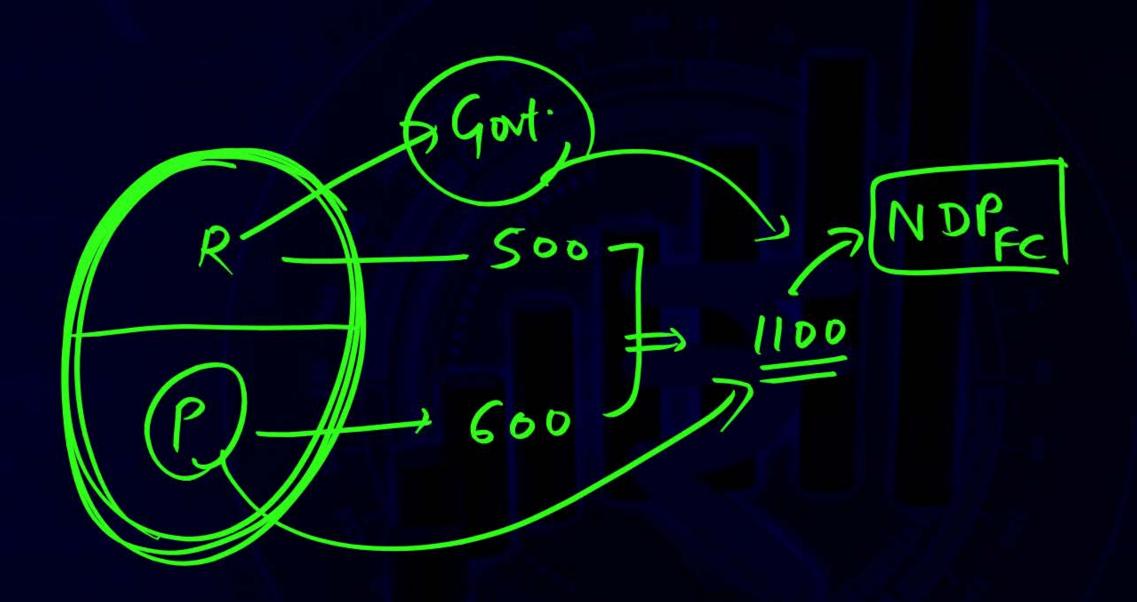
PD

THH NPISH



Personal Income		-
Less: Personal Taxation		(-)
Less: Non tax payments i.e., fees, penalty, fines to government		
	Disposable Personal Income	_

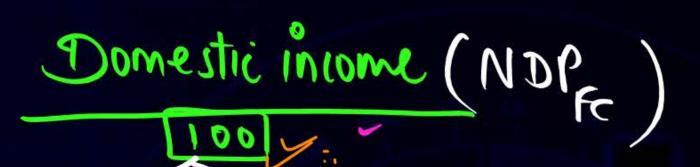




Domestic income (NDP)



Domestic income accoving to govt. Sector Domestic income accroing to Put. Sector





Domestic income accoving to govt. Sector

1 income from Property (10)

2) Laving (2°).

Domestic income accroing to Put. Sector



Domestic Income ma	ny be categorized into 2 Parts
Income from domestic product accruing to the public sector which includes	Income from domestic product accruing to private sector
income from property and entrepreneurship accruing to government administrative departments and	= NDP _{FC}
savings of non-departmental enterprises.	 Income from property and entrepreneurship accruing to government administrative departments
	 Savings of non-departmental enterprises

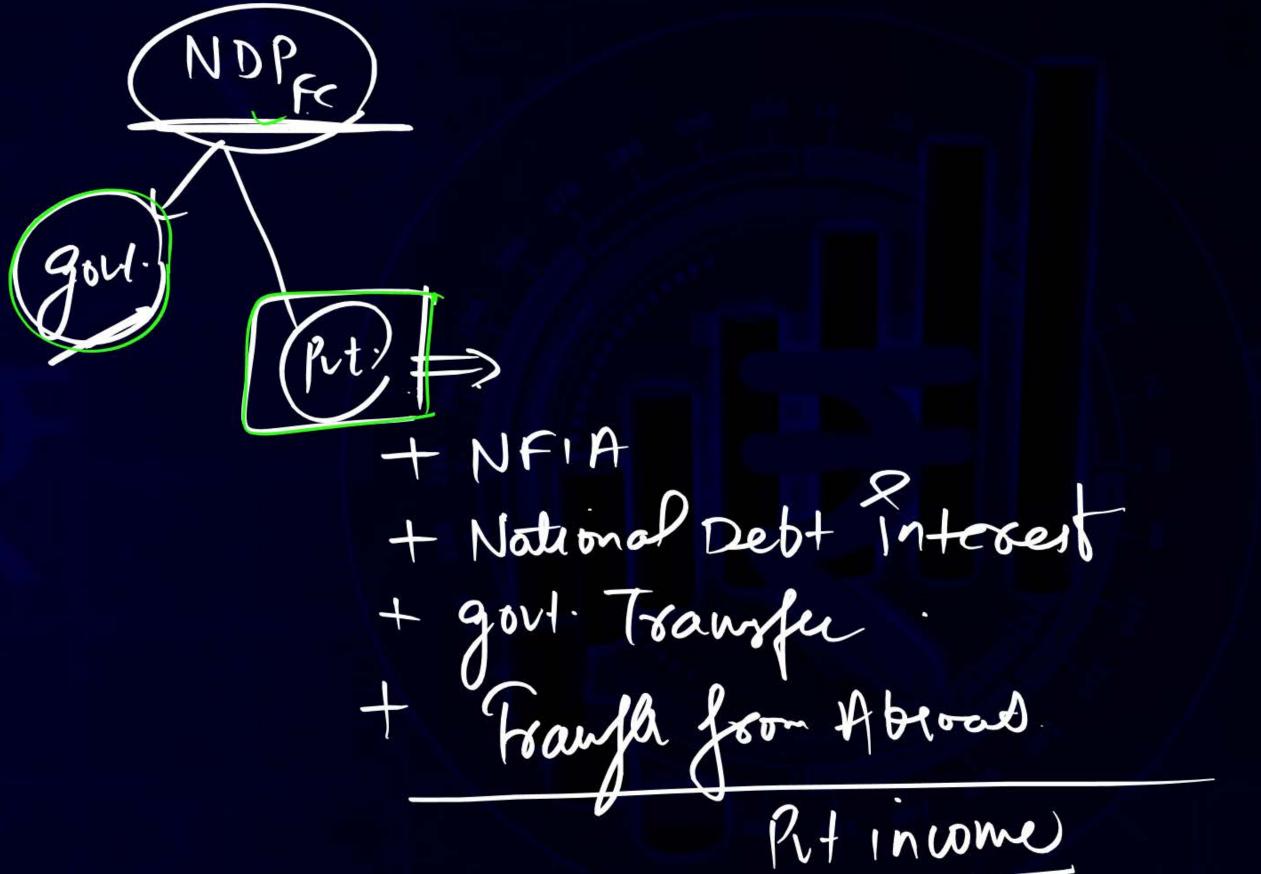


Topic: Private Income

Private income is a measure of the income (both factor incoine and transfer income) which accrues to private sector from all sources within and outside the country.

=	Factor income from net domestic product accruing to the private sector
+	Net factor income from abroad NFIA
+	National debt interest Interest on Public Debt
+	Current transfers from government
+	Other net transfers from the rest of the world

Pt. Income





NL	ND		
UVE	MIN	P	

#Q.	On basis of		following		information,		
	calc	ulate	NNP	at	marke	t price	and
	Disposable pers			ona	lincome	(IPE)	

Items	₹ in Crores
NDP at factor cost	14900
Income from domestic product	
accruing to government	150
Interest on National debt	170
Transfer payment by governmen	it 60
Net private donation from abroa	d 30
Net factor income from abroad	80
Indirect taxes	(335)
Direct taxes	100
Subsidies	(262)
Taxes on corporate profits	222
Undistributed profits of corpora	tions 105

$NNP_{mp} = N$	1DPFC + NFIA	L 72
	15053	15053
	*	335

Question



#Q.	On basis of following infi calculate NNP at market p Disposable personal income		NDPFc (-) income according		14900	
	Items	in Crores	govt.			
	NDP at factor cost Income from domestic product	14900	income according		14750	
	accruing to government	_ 150	to put sector		170	
	Interest on National debt	170			60	0
	Transfer payment by government	2 60			30	7
	Net private donation from abroad				. 80	*
	Net factor income from abroad	1A (4) 80	Pet. mome		147	
	Indirect taxes	335	PUT TITLE		-15070	
	Direct taxes	100			- 223	
	Subsidies	262			105	
	Taxes on corporate profits	222		<u>*</u>	11.2/2	
	Undistributed profits of corporati	ons 105			14165	



$$DPI = PI - Personal Tax$$

$$- Non-tax Payment$$

$$= 14763 - 100 = 14663$$



SOLUTION



NNP at Market price = NNP at factor cost +indirect tax-subsidies

Where NNP at factor cost = $NDP_{FC} + NFIA$

= 14900 + 80 = 14980

Therefore, NNP_{MP}

= Therefore, NNP MP = 14980 + 335 - 262 =

15053

Disposable personal income (DI) = PI- Personal income tax

PI = NI + income received but not earned - income earned but not received

= 14980 + 170 + 60 + 30 - 150 - 222 - 105 = 14763

Therefore, DI = 14763 - 100 = 14663 Crores







#Q. Which of the following is added to national income while calculating personal income?

1. Transfer payments to individuals



- 2. Undistributed profits of corporate
- 3. Transfer payments made to foreigners
- 4. Mixed income of self employed



Next Full

Grystal Clear Step by

Stef

Stef



2 mins Summary

1. Mixed-Understanding

[207.7





