

POLICE DAV PUBLIC SCHOOL
XII – ECONOMICS
Holidays Homework
Revision Worksheet of Numerical
CBSE Numerical Questions of 2013 - 2017.

1. Calculate sales from the following data: (Ans.5000)

Subsidies	200
Opening stock	100
Closing stock	600
Intermediate consumption	3000
Consumption of fixed capital	700
Profit	750
Net value added at factor cost	2000

2. Calculate GNP at MP: (Ans.5700)

Compensation of employees	2000
Interest	500
Rent	700
Profit	800
Employer's contribution to SSS	200
Dividend	300
Consumption of fixed capital	100
NIT	250
Net exports	70
Net factor income to abroad	150
Mixed income of self employed	1500

3. Calculate Gross value added at FC: (Ans.2800)

Sales	8000
Change in stock	100
Subsidies	200
Consumption of fixed capital	300
Intermediate consumption	5500
Rent	500

4. Calculate national income: (Ans. 7780)

Net exports	-300
Compensation of employees	6000
Rent	400
Dividend	200
Consumption of fixed capital	300
Change in stock	50
Profits	800
Net factor income to abroad	-80
NIT	600
Interest	500

5. Calculate i) Domestic income , ii) Compensation of employees:

NFYA	-20
Net exports	10
NIT	50
Rent and royalty	20
Consumption of fixed capital	10
Private final consumption expenditure	400
Corporate tax	10
Interest	30
Net domestic capital formation	50
Dividends	22
Govt. final consumption expenditure	100
Undistributed profit	5
Mixed income	23

6. Calculate gross fixed capital formation from the following data when :

Private final consumption expenditure	1000
Govt. final consumption expenditure	500
Net exports	-50
NFYA	20
Opening stock	300
Closing stock	200
GDP at MP	2500

7. Calculate NDP at FC from the following data: (Ans. 360)

Net current transfers to abroad	5
Govt. final consumption expenditure	100
NIT	80
Private final consumption expenditure	300
Consumption of fixed capital	20
Gross domestic fixed capital formation	50
Net imports	-10
Closing stock	25
Opening stock	25
Net factor income from abroad	10

8. Calculate NNP at FC: (Ans. 2050)

Social security contribution by employees	90
Wages and salaries	800
Net current transfers to abroad	-30
Rent and royalty	300
Net factor income to abroad	50
Social security contribution by employers	100
Profit	500
Interest	400
Consumption of fixed capital	200
NIT	250

9. Calculate national income from the following: (Ans. 630)

Change in stock	50
Govt. final consumption expenditure	100
Net current transfers to abroad	30
Gross domestic fixed capital formation	200
Private final consumption expenditure	500
Net imports	40
Depreciation	70
NFYA	-10
NIT	120
Net capital transfers to abroad	25

10. Calculate NNP at MP: (Ans. 730)

Closing stock	10
Consumption of fixed capital	40
Private final consumption expenditure	600
Exports	50
Opening stock	20
Govt. final consumption expenditure	100
Imports	60
Net domestic fixed capital formation	80
Net current transfers to abroad	-10
Net factor income to abroad	30

11. If the Real GDP is 400 and Nominal GDP is 450, calculate the Price Index. (Ans. 112.5)

12. If the Real GDP is 600 and Nominal GDP is 125, calculate the Nominal GDP. (Ans. 625)

13. If the Nominal GDP is 600 and Price index is 120, Calculate the Real GDP. (Ans. 500)

14. Calculate national income: (Ans. 1240)

Rent	200
NFY to Abroad	10
National debt interest	15
Wages and salaries	700
Current transfers from govt.	10
Undistributed profit	20
Corporate taxes	30
Interest	150

Social security contribution by employers	100
NDP accruing to govt.	250
Net current transfers to ROW	5
Dividend	50

15. Calculate NNP at MP: (Ans. 1070)

NFY to Abroad	-10
Net current transfers to abroad	5
Consumption of fixed capital	40
COE	700
Corporate tax	30
Undistributed profits	10
Interest	90
Rent	100
Dividends	20
NIT	110
Social security contribution by employees	11

16. Find Net Value Added at MP: (Ans. 14)

Fixed capital with a life span of 15 yrs.	15
Raw material	6
Sales	25
Net change in stock	-2
Taxes on production	1

17. Find GNP at MP: (Ans. 1380)

Private final consumption expenditure	800
Net current transfers to abroad	20
Net factor income to abroad	-10
Govt. final consumption expenditure	300
NIT	150
Net domestic capital formation	200
Current transfers to govt.	40
Depreciation	100
Net imports	30
Income accruing to govt.	90
National debt interest	50

18. Calculate national income: (Ans. 1030)

Corporate tax	100
Private final consumption expenditure	900
Personal income tax	120
Govt. final consumption expenditure	200
Undistributed profits	50
Change in stock	-20
Net domestic fixed capital formation	120
Net imports	10
NIT	150
NFYA	-10
Private income	1000

19. Calculate GNP at MP : (Ans. 1690)

Rent	100
Net current transfers to ROW	30
Social Security Contribution by Employers	47
Mixed Income	600
Gross Domestic Capital Formation	140
Royalty	20
Interest	110
COE	500
Net domestic capital formation	120
Net factor income from abroad	-10
NIT	150
Profit	200

20. Calculate NDP at FC: (Ans. 1000)

Net current transfers to abroad	15
Private final consumption expenditure	800
Net imports	-20
Net domestic capital formation	100
Net factor income to abroad	10

Depreciation	50
Change in stock	17
NIT	120
Government final consumption expenditure	200
Exports	30

21. Calculate NNP at MP: (Ans. 425)

Transfer payments by Govt.	7
Govt. final cons. expenditure	50
Net imports	-10
Net domestic capital formation	60
Private final cons. Exp.	300
Private income	280
Net factor income to abroad	-5
Closing stock	8
Opening stock	8
Depreciation	12
Corporate tax	60
Retained earnings of corporations	20

22. Calculate GNP at MP: (Ans. 1720)

Wages and salaries	800
Personal tax	150
Operating Surplus	200
Undistributed taxes	10
Social security contr. By employers	100
Corporate tax	50
Net factor income to abroad	-20
Personal disposable income	1200
NIT	70
Consumption of fixed capital	30
Mixed income of self employed	500
Royalty	9

23. Find Gross Value Added at Market Price: (Ans. 80)

Depreciation	20
Domestic sales	200
Net change in stock	-10
Exports	10
Single use producer goods	120

24. Find National Income: (Ans. 2040)

Wages and salaries	1000
Net current transfers to abroad	20
Net factor paid to abroad	10
Profit	400
National debt interest	120
Social security contributions by employers	100
Current transfers from govt.	60
National income accruing to govt.	150
Rent	200
Interest	300
Royalty	50

25. Calculate Value added by Firm X and Firm Y: (Ans. X= 250, Y= 60)

Sales by firm X to households	100
Sales by firm Y	500
Purchases by households from firm Y	300
Exports by firm Y	50
Change in stock of firm X	20
Change in stock of firm Y	10
Imports by firm X	70
Sales by firm Z to firm Y	250
Purchases by firm Y from firm X	200

26. Find out Value added by firm B from the following data: (Ans. 40)

Purchases by Firm B from Firm A	30
Sales by Firm B to Firm C	25
Sales by Firm B to households	35
Opening stock of Firm B	5
Opening stock of Firm C	10
Closing stock of Firm B	10
Purchases by Firm B from Firm D	15

Export by Firm B	20
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27. Find Net value added at Market Price: (Ans. 19500)

Output sold (in units)	1000
Price per unit of output	30
Excise	1600
Import duty	400
Net change in stock	-500
Depreciation	2000
Intermediate cost	8000

28. Calculate National Income: (Ans. 550)

Current transfers by Govt.	15
Private final cons. Exp.	400
Net current transfers fro ROW	20
Govt. final cons. Exp.	100
Net factor income from abroad	-10
Net domestic capital formation	80
Consumption of fixed capital	50
Net exports	40
NIT	60

29. Calculate GDP at MP by a) Production method, b) Income method: (Ans. 1440)

Intermediate Consumption of:	
a) Primary sector	500
b) Secondary sector	400
c) Tertiary sector	300
Value of output of:	
a) Primary sector	1000
b) Secondary sector	900
c) Tertiary sector	700
Rent	10
Emoluments of employees	400
Mixed income	650
Operating surplus	300
Net factor income from abroad	-20
Interest	5
Consumption of fixed capital	40
NIT	10

30. Calculate NNP at MP by a) Expenditure method, b) Income method (Ans. 1090)

Personal consumption exp.	700
Wages and salaries	700
Employer's contr. To SSS	100
Gross business fixed investment	60
Gross residential construction	60
Gross public investment	40
Inventory investment	20
Profits	100
Govt. purchase of goods and services	200
Rent	50
Exports	40
Imports	20
Interest	40
Mixed income of self employed	100
Net factor income from abroad	-10
Depreciation	0
Indirect taxes	20
Subsidies	10

31. Calculate a) GDP at FC, b) Factor income to abroad. (Ans. 1700, 100)

COE	1000
Profits	200
Dividends	80
GNP at MP	1800
Rent	250
Interest	200
Gross domestic capital formation	300
Net fixed capital formation	200
Change in stock	50
Factor income from abroad	80
NIT	120

32. Calculate a) GDP at MP, b) Factor income from abroad. (Ans. 3250, 3300)

Profits	550
Exports	40
COE	1600
Gross national product at factor cost	3000
Net current transfers from ROW	90
Rent	300
Interest	400
Factor income to abroad	120
NIT	300
Net domestic capital formation	650
Change in stock	50
Gross fixed capital formation	700

33. GNP at MP of an imaginary economy is 120000 crore as its capital stock is worth 300000 crore. If capital stock depreciates @ 20% per annum, indirect taxes amount to 30000 crore and subsidies are put at 15000 crore. What is national income? (Ans. 45000)

34. From the following data, calculate Domestic factor income : (Ans. 24480)

GDP at MP	24600
Consumption of fixed capital	2800
NIT	120
Net factor income to abroad	-200

35. Calculate GDP at MP by Income method and Closing stock: (Ans. 820cr , 40cr.)

Particulars	In crores	Particulars	In crores
Pvt. Final cons. Exp.	450	Opening stock	10
Rent	120	Gross fixed capital formation	300
Govt. final cons. Exp	50	COE	200
Indirect taxes	60	Net exports	-10
Interest	150	Net factor income from abroad	-10
Mixed income of self employed	20	Subsidies	10
Consumption of fixed capital	30	Profit	250

36. Calculate GDP at MP and Subsidies: (Ans. 70000, 5000)

Particulars	In crores	particulars	In crores
Govt. final cons. Expenditure	7000	COE	24000
Indirect taxes	9000	Depreciation	4000
NNP at FC	61700	Pvt. Final cons. Exp.	44000
Mixed income of self employed	28000	Export of goods and services	4800
Gross fixed capital form.	13000	Import of goods and services	5600
Net addition to stock	10000	NFIA	-300

37. Calculate domestic income and compensation of employees: (Ans. 510, 400)

Particulars	In crores	Corporate taxes	10
Net factor income to abroad	20	Interest	30
Net exports	10	Net domestic capital formation	50
NIT	50	Dividends	22
Rent and royalty	20	Govt. final cons. Exp.	100
Consumption of fixed capital	10	Undistributed profits	5
Prvt. final cons. Exp.	400	Mixed income	23

38. Calculate national income and depreciation from the following data: (Ans. 930, 25)

Particulars	In crores	Particulars	In crores
NIT	5	Prvt. Final cons. Exp.	600
Net domestic fixed capital formation	100	Change in stock	10
Govt. final cons. Exp.	200	Net factor income from abroad	5
Gross domestic fixed cap. Form.	125	Net imports	-20