

CLASS XII MACROECONOMICS
Numerical Questions
Autumn Break Holiday Homework

Chapter 1: National Income and Related Aggregates

Q1. Calculate National Income (NNP at Factor Cost) from the following data:

Particulars	₹ in crore
GDP at Market Price	1,000
Depreciation	100
Net Indirect Taxes	80
Net Factor Income from Abroad	20

Q2. Calculate Gross Domestic Product at Market Price (GDP at MP).

Particulars	₹ in crore
Private Final Consumption Expenditure	500
Government Final Consumption Expenditure	150
Gross Domestic Capital Formation	200
Exports	100
Imports	80

Chapter 2: Money and Banking

Q3. The initial deposit in a commercial bank is ₹2,000 and the Legal Reserve Ratio (LRR) is 20%. Calculate: (a) Money Multiplier (b) Total Deposit Creation (c) Total Credit Creation.

Q4. A commercial bank receives a fresh deposit of ₹10,000. If the LRR is 10%, calculate the maximum credit creation by the banking system.

Chapter 3: Determination of Income and Employment

Q5. In an economy, the consumption function is $C = 100 + 0.8Y$. If investment expenditure is ₹200 crore, calculate: (a) Equilibrium level of income (b) Saving at equilibrium.

Q6. In an economy, $MPC = 0.75$ and the increase in investment is ₹400 crore. Calculate: (a) Investment Multiplier (b) Total increase in income.

Chapter 4: Government Budget and the Economy

Q7. Calculate Revenue Deficit, Fiscal Deficit and Primary Deficit from the following data:

Particulars	₹ in crore
Revenue Receipts	500
Revenue Expenditure	650
Capital Expenditure	200
Non-debt Capital Receipts	50
Interest Payments	80

Q8. The government has the following receipts and expenditure: Total Expenditure = ₹1,000 crore; Revenue Receipts = ₹600 crore; Non-debt Capital Receipts = ₹100 crore; Interest Payments = ₹50 crore. Calculate: (a) Fiscal Deficit (b) Primary Deficit.

Chapter 5: Balance of Payments

Q9. Exports of goods = ₹500 crore and imports of goods = ₹650 crore. Calculate the Balance of Trade and state whether there is a trade surplus or trade deficit.

Q10. Calculate the Current Account Balance from the following data:

Particulars	₹ in crore
Exports of Goods	400
Imports of Goods	500
Net Invisibles	150

Chapter 6: Foreign Exchange Rate

Q11. The exchange rate changes from ₹80 per US dollar to ₹84 per US dollar. Calculate the percentage change in the rupee-per-dollar exchange rate and state whether the rupee has appreciated or depreciated.

Project work (do any one)

1) Digital payment in India

2) Inflation in India.