

CBSE CLASS 12 2025 Economics SET 1 (58/2/1)
Question Paper with Solution

Time Allowed :3 Hour	Maximum Marks :80	Total Questions :34
-----------------------------	--------------------------	----------------------------

General Instructions

Read the following instructions carefully and follow them:

1. (i) Please check that this question paper contains 23 printed pages.
2. (ii) Please check that this question paper contains 34 questions.
3. (i) This question paper contains 34 questions. All questions are compulsory.
4. (ii) This question paper contains two sections: Section-A: Macro Economics
Section B: Indian Economic Development
5. (iii) This Question paper contains 20 Multiple Choice type questions. Each question carries 1 mark.
6. (iv) This Question paper contains 4 Short Answer Type-I questions. Each question carries 3 marks. Answer these questions in 60 to 80 words.
7. (v) This Question paper contains 6 Short Answer Type-II questions. Each question carries 4 marks. Answer these questions in 80 to 100 words.
8. (vi) This Question paper contains 4 Long Answer Type Questions. Each question carries 6 marks. Answer these questions in 100 to 150 words.
9. (vii) In addition to this, NOTE that a separate question has been provided for Visually Impaired candidates in lieu of questions having visual inputs, map etc. Such questions are to be attempted by Visually Impaired candidates only.
10. (viii) There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions has to be attempted.

SECTION - A
(Macro Economics)

1. The monetary policy is formulated by the _____ in the Indian economy.

- (1) Central Government
- (2) State Governments
- (3) Reserve Bank of India
- (4) World Bank

Correct Answer: (3) Reserve Bank of India

Solution: The Reserve Bank of India (RBI) formulates the monetary policy in India. It controls the money supply and interest rates to regulate the economy.

Quick Tip

In most economies, the central bank is responsible for monetary policy, which aims to stabilize inflation and support economic growth.

2. Identify, which of the following is not to be considered while estimating Revenue Deficit of a country.

(Choose the correct option)

- (1) Wages and salaries paid by the government
- (2) Interest payments made by the Central Government
- (3) Direct Tax Collection
- (4) Expenditure incurred on construction of flyover

Correct Answer: (3) Direct Tax Collection

Solution: Revenue Deficit refers to the excess of the government's revenue expenditure over its revenue receipts. Direct tax collection is not a part of the calculation for revenue deficit; it's included in overall government revenue.

Quick Tip

Revenue deficit only involves the government's income and expenditure, excluding capital receipts like taxes.

3. In the Keynesian Economics, _____ starts from the origin and is always drawn at an angle of 45° .

- (1) Consumption curve
- (2) Aggregate demand curve
- (3) Reference line
- (4) Investment curve

Correct Answer: (3) Reference line

Solution: In Keynesian Economics, the 45° line, also called the reference line, represents the point where the level of income equals the level of expenditure. This line shows the equilibrium level of income in an economy.

Quick Tip

The 45° line is crucial in Keynesian economics to analyze the relationship between income and expenditure.

4. Read the following statements: Assertion (A) and Reason (R). Choose one of the correct options given below:

Assertion (A): In case of public goods no one can be excluded from enjoying the benefits.

Reason (R): Public goods are non-rivalrous and non-excludable in nature.

- (1) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A)
- (2) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A)

(3) Assertion (A) is true, but Reason (R) is false

(4) Assertion (A) is false, but Reason (R) is true

Correct Answer: (1) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A)

Solution: Public goods are both non-rivalrous and non-excludable, which means they can be consumed by everyone without reducing availability for others, and no one can be excluded from consuming them. Therefore, Assertion (A) is correct, and Reason (R) accurately explains the assertion.

Quick Tip

Public goods are a key concept in economics. They differ from private goods because they are available to all, and no one can be excluded from enjoying the benefits.

5. Value Addition = _____ - Value of Intermediate Consumption.

(Choose the correct option(s) to complete the stated formula.)

(i) Domestic sales

(ii) Sales - change in stock.

(iii) Value of output

(iv) (Number of units produced) x (Price per unit)

(1) (i) and (ii)

(2) (ii) and (iii)

(3) (ii), (iii), and (iv)

(4) (iii) and (iv)

Correct Answer: (3) (ii), (iii), and (iv)

Solution: To calculate value addition, we subtract the value of intermediate consumption from the total output. Intermediate consumption includes domestic sales, sales change in stock, and the value of output, which can be computed by multiplying the number of units produced by the price per unit.

Quick Tip

In economics, value addition is a measure of the contribution made by the production process, excluding intermediate goods.

6. Suppose for an economy, autonomous consumption stands as 100 crore and total consumption is 130 crores. The value of induced consumption would be crores.

- (1) 30
- (2) 80
- (3) 100
- (4) 130

Correct Answer: (1) 30

Solution: Induced consumption is the difference between total consumption and autonomous consumption. In this case, it is calculated as:

$$130 - 100 = 30 \text{ crores.}$$

Quick Tip

Induced consumption refers to the portion of consumption that changes with the level of income or output in the economy.

7. As the Banker to the Bank, Reserve Bank of India performs all functions except

- (1) Purchase and sale of securities on behalf of the general public
- (2) Maintaining current account for Commercial Banks
- (3) Clearing and settlement of Interbank transactions
- (4) Facilitating governmental transactions

Correct Answer: (1) Purchase and sale of securities on behalf of the general public

Solution: The Reserve Bank of India (RBI) does not engage in the purchase and sale of securities on behalf of the general public. This is typically the responsibility of the government or commercial banks, while the RBI manages monetary policy, currency issuance, and the banking system.

Quick Tip

Understand the functions of central banks like the RBI, especially their role as the banker to the government and banks.

8. Read the following statements: Assertion (A) and Reason (R). Choose one of the correct options given below:

Assertion (A): If the value of Marginal Propensity to Save is 0.5, Marginal Propensity to Consume will be equal to Marginal Propensity to Save.

Reason (R): Sum of Marginal Propensity to Consume and Marginal Propensity to Save always equals to unity.

- (1) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- (2) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).
- (3) Assertion (A) is true, but Reason (R) is false.
- (4) Assertion (A) is false, but Reason (R) is true.

Correct Answer: (3) Assertion (A) is true, but Reason (R) is false.

Solution: Assertion (A) is correct because if the Marginal Propensity to Save (MPS) is 0.5, then the Marginal Propensity to Consume (MPC) will also be 0.5 (since $MPC + MPS = 1$). However, Reason (R) is incorrect as it suggests that the sum of MPC and MPS is always equal to unity, which is true only under certain conditions and not in all cases.

Quick Tip

When working with MPC and MPS, always remember that their sum should equal 1, but specific conditions such as the value of MPS must be considered.

9. The budget under which the government may spend an amount equal to the revenue it collects is referred to as a Budget.

- (1) Surplus
- (2) Deficit
- (3) Balanced
- (4) Deflationary

Correct Answer: (3) Balanced

Solution: A balanced budget refers to a situation where the government spends exactly as much as it collects in revenue. A surplus budget would imply spending less than revenue, and a deficit budget means spending more than the revenue.

Quick Tip

In a balanced budget, the total expenditure equals total revenue, which is a key concept in fiscal policy.

10. To arrive at the value of equilibrium level of income, there must exist an equality between ex-ante and ex-ante

- (1) Aggregate Demand, Aggregate Supply
- (2) Aggregate Demand, Savings
- (3) Aggregate Demand, Investment
- (4) Savings, Investment

Correct Answer: (D) (iii) and (iv)

Solution: In order to determine the equilibrium level of income, the ex-ante aggregate demand must equal the ex-ante aggregate supply. Ex-ante aggregate demand is made up of aggregate demand, which consists of consumption and investment. At equilibrium, savings and investment must also be equal.

Quick Tip

In Keynesian economics, the equilibrium level of income occurs when aggregate demand equals aggregate supply, which is also when savings equals investment.

11. State the meaning and significance of Gross Domestic Product (GDP) deflator.

Solution: The GDP deflator is a measure of the level of prices of all new, domestically produced, final goods and services in an economy. It is used to adjust nominal GDP to real GDP. The deflator reflects the price changes of a basket of goods and services produced in the economy and helps determine the impact of inflation on the economy.

Quick Tip

The GDP deflator is more comprehensive than other price indices, such as the Consumer Price Index (CPI), because it includes all goods and services produced within a country, not just those bought by consumers.

12. (a) "The government generally levies higher Goods and Services Tax (GST) on socially undesirable products like cigarettes, tobacco, liquor etc." Identify and explain the indicated government budget objective in the above statement.

Solution: The government is using the tax system to achieve the objective of "*Correcting market failures*" or "*Reducing harmful consumption*." By imposing higher Goods and Services Tax (GST) on socially undesirable products like cigarettes, tobacco, and liquor, the government aims to discourage their consumption due to their negative impact on public

health. This is a form of "*sin tax*" which is also intended to generate revenue that can be used for welfare and public health purposes. It reflects a budgetary strategy to promote social welfare and regulate behavior.

Quick Tip

Higher taxes on harmful goods are not just revenue-generating but also serve as a policy tool to reduce consumption of socially harmful products.

OR

(b) Two friends Ramesh (a software engineer) and Pihu (a bakery owner) are discussing their contribution to the nation's economy through tax payments. Ramesh earns 8,00,000 per year, which makes him liable to pay income tax. Pihu pays Goods and Service Tax (GST) on the sale of cakes and pastries. On the basis of the given text, identify whether Ramesh is paying a direct tax or an indirect tax. Explain valid differences between the two types of taxes.

Solution: Ramesh is paying a *direct tax*, specifically income tax. Direct taxes are levied directly on individuals or organizations and are based on their income, wealth, or property. Since Ramesh's income is taxed directly, it qualifies as a direct tax.

Pihu, on the other hand, is paying an *indirect tax*, specifically Goods and Service Tax (GST). Indirect taxes are levied on goods and services and are paid by consumers as part of the price of goods or services. The tax is collected by businesses like Pihu's bakery, which then remits it to the government.

Quick Tip

A key difference between direct and indirect taxes is that direct taxes are based on the income or property of the taxpayer, while indirect taxes are imposed on goods and services and are ultimately paid by the consumer.

13. (A) "On the basis of the given image, explain the steps which may be taken by the Government of India to control the indicated macroeconomic issue."



Solution: The image highlights inflation as the key macroeconomic issue. To control inflation, the Government of India may take the following steps:

1. **Monetary Policy Tightening:** The Reserve Bank of India (RBI) can increase interest rates to reduce the money supply in the economy. This discourages borrowing and reduces spending, thus curbing inflation.
2. **Fiscal Policy Measures:** The government may reduce its spending on non-essential goods and services, which helps in reducing the overall demand in the economy. Additionally, increasing taxes on certain goods can further reduce inflationary pressures.
3. **Supply-Side Interventions:** The government can also improve the supply of essential goods by reducing bottlenecks in production and distribution, which can help lower costs and alleviate inflationary pressures.
4. **Price Controls:** In extreme cases, the government may impose price controls on essential goods to limit excessive price rises, although this can have long-term adverse effects on supply.

These steps reflect the government's strategy to control inflation and stabilize the economy.

Quick Tip

Inflation control requires a balanced approach using both monetary and fiscal measures to reduce demand and ensure the stability of prices.

13. (B) "Define 'Open Market Operations'."

Solution: Open Market Operations (OMO) refer to the buying and selling of government securities in the open market by a country's central bank, such as the Reserve Bank of India (RBI), to regulate the money supply and control interest rates in the economy.

When the central bank buys government securities, it injects liquidity into the banking system, thus increasing the money supply. Conversely, when the central bank sells government securities, it absorbs liquidity from the banking system, reducing the money supply. OMOs are an important tool of monetary policy used to achieve objectives such as controlling inflation, stabilizing the currency, and maintaining overall economic stability.

Quick Tip

OMO are a key tool for central banks to manage the money supply and influence short-term interest rates, which in turn affect economic activity.

Note: The following questions are for the Visually Impaired Candidates only in lieu of Q. No. 13.

(A) Explain any one fiscal policy measure that can be taken up by the Government to control the situation of inflation prevailing in an economy.

(B) Define 'Open Market Operations'.

14. (a) Justify the following statements with valid arguments:

(i) Money supply in an economy is an example of a stock variable.

(ii) The Central Bank provides several Banking services to the government.

Solution:

1. **Money supply in an economy is an example of a stock variable:** Money supply is considered a stock variable because it refers to the total amount of money available in the economy at a particular point in time. Unlike flow variables, which measure economic activity over a period of time (like income or expenditure), stock variables are measured at a specific moment and do not change with time unless there is an external influence, such as changes in the central bank's policy.
2. **The Central Bank provides several Banking services to the government:** The Central Bank acts as the banker to the government and provides essential banking services such as managing government accounts, issuing and managing government securities, handling public debt, and facilitating government payments and receipts. These services ensure the smooth functioning of government financial operations.

Quick Tip

Stock variables are measured at a point in time, while flow variables are measured over a period. Understanding the difference helps in analyzing economic data effectively.

OR

14. (b) Assuming for a hypothetical economy, the Central Bank increases the Reserve Ratio from 20% to 25% and the total primary deposits stand at 1,000. Explain the effect of rise in Reserve Ratio on credit creation by commercial banks.

Solution:

The Reserve Ratio, also known as the Cash Reserve Ratio (CRR), is the fraction of the total deposits that commercial banks are required to keep as reserves with the central bank.

When the central bank increases the Reserve Ratio from 20% to 25%, it reduces the amount of money available for banks to lend out. This limits the credit creation capacity of commercial banks. To explain this effect, let's calculate the credit multiplier and the potential credit creation:

1. Initial Reserve Ratio (20%): - Reserve Ratio = 20% - Total Primary Deposits = 1,000 - Required Reserve = 20% of 1,000 = 200 - The rest, 800, is available for lending.

Using the credit multiplier formula:

$$\text{Credit Multiplier} = \frac{1}{\text{Reserve Ratio}} = \frac{1}{0.20} = 5$$

So, the total credit creation potential = $800 * 5 = 4,000$.

2. New Reserve Ratio (25%): - Reserve Ratio = 25% - Total Primary Deposits = 1,000 - Required Reserve = 25% of 1,000 = 250 - The rest, 750, is available for lending.

New Credit Multiplier = $\frac{1}{0.25} = 4$ So, the total credit creation potential = $750 * 4 = 3,000$.

By increasing the Reserve Ratio, the central bank reduces the amount of money available for lending, thus decreasing the total credit creation in the economy. The total credit creation potential drops from 4,000 to 3,000.

Quick Tip

An increase in the Reserve Ratio decreases the credit multiplier and limits the capacity of commercial banks to create credit.

15. Suppose for an economy, the government proposes a project for the construction of expressways with an incremental investment of 1,200 crore. Assuming 80% of the increase in income is spent on consumption. Estimate the following on the basis of the above information:

1. Change in income (ΔY)
2. Change in consumption (ΔC)

Solution:

Given: - Incremental Investment = 1,200 crore - 80% of the increase in income is spent on consumption

We can use the concept of the Marginal Propensity to Consume (MPC), which is given as 0.8 (or 80%).

To estimate the change in income and consumption, we can follow these steps:

$$\text{Multiplier} = \frac{1}{1 - \text{MPC}} = \frac{1}{1 - 0.8} = 5$$

(a) Change in Income (ΔY):

The change in income is the total increase in income due to the investment. Since the multiplier is 5, the total change in income is:

$$\Delta Y = \text{Multiplier} \times \text{Incremental Investment} = 5 \times 1200 = 6,000 \text{ crore}$$

(b) Change in Consumption (ΔC):

The change in consumption is the part of the increase in income that is spent. Since 80% of the increase in income is spent on consumption, we calculate:

$$\Delta C = \text{MPC} \times \Delta Y = 0.8 \times 6,000 = 4,800 \text{ crore}$$

So, - The change in income (ΔY) is 6,000 crore. - The change in consumption (ΔC) is 4,800 crore.

Quick Tip

The multiplier effect amplifies the impact of government investment on the economy, with a higher MPC leading to a greater change in consumption.

16. (a) (i) On the basis of the data given below, estimate the value of National Income (NNP_{FC})

Solution:

To estimate National Income (NNP_{FC}), we can use the following formula:

$$\text{NNP}_{\text{FC}} = \text{Private Final Consumption Expenditure} + \text{Government Final Consumption Expenditure} + \text{Gross}$$

Substituting the given values:

S. No.	Items	Amount (in crore)
1	Private final consumption expenditure	2,000
2	Government final consumption expenditure	1,500
3	Gross domestic fixed capital formation	1,000
4	Addition to stock	400
5	Consumption of fixed capital	50
6	Net factor income from abroad	100
7	Net indirect Taxes	200
8	Net Exports	700

$$NNP_{FC} = 2000 + 1500 + 1000 + 700 + 100 - 50 - 200 = 4,500 \text{ crore}$$

Thus, the value of National Income (NNP_{FC}) is 4,500 crore.

Quick Tip

National Income is calculated by adding the various economic components, accounting for depreciation (consumption of fixed capital) and taxes, and adjusting for net income from abroad.

16. (ii) Differentiate between Real flow and Money flow.

Solution:

Real Flow: - Real flow refers to the flow of goods and services in the economy. - It represents the actual physical movement of products and services between producers and consumers. - In the circular flow model, real flow includes the movement of goods and services from firms to households and the movement of factors of production from households to firms.

Money Flow: - Money flow refers to the flow of money or payments in exchange for goods and services, or for the use of factors of production. - It represents the financial transactions that occur in the economy. - In the circular flow model, money flow involves the payment of

wages, interest, rent, and profit to the owners of factors of production, and the receipt of payments from households in exchange for goods and services.

Quick Tip

While real flow deals with the exchange of goods and services, money flow is concerned with the exchange of money for these goods and services.

OR

16. (b) (i) Gauhar has recently completed her fashion designing studies and started a boutique. To produce dresses for sale, she purchased various materials, including a sewing machine, fabric, buttons, and thread. These items are essential for producing the dresses. Classify the material purchased by Gauhar as Final or Intermediate goods, giving valid reasons in support of the classifications.

Solution:

The classification of goods as Final or Intermediate goods depends on whether the goods are used for further production or are ready for final consumption.

1. Sewing Machine: - Classification: Final Good - Reason: The sewing machine is a durable capital good used by Gauhar to produce dresses. It is not used for resale or further processing. Hence, it is classified as a final good.
2. Fabric: - Classification: Intermediate Good - Reason: Fabric is used as an input in the production of dresses, which is the final product. It is a part of the production process and will be transformed into finished dresses. Thus, fabric is an intermediate good.
3. Buttons: - Classification: Intermediate Good - Reason: Buttons are used as a component to make the finished dress. They are essential in the production process and are not intended for final consumption in their current form. Therefore, buttons are classified as intermediate goods.
4. Thread: - Classification: Intermediate Good - Reason: Like fabric and buttons, thread is used in the production process to make the final product, the dresses. Thus, thread is an intermediate good.

Quick Tip

Final goods are those that are ready for consumption or investment, while intermediate goods are used in the production process to create final goods.

16. (ii) "National Income is always equal to Domestic income in a two-sector economy." Defend or refute the given statement with valid reasons.

Solution:

The given statement is **false**. National Income is not always equal to Domestic Income in a two-sector economy.

In a two-sector economy, there are only two sectors: households and firms. The main distinction between National Income and Domestic Income lies in the concept of Net Factor Income from Abroad (NFIA).

1. Domestic Income (DI): - Domestic Income refers to the total income earned within the geographical boundaries of a country. It includes income generated by all the factors of production located within the country, whether owned by residents or foreigners. - Formula:

$$\text{Domestic Income} = \text{National Income} - \text{Net Factor Income from Abroad}$$

2. National Income (NI): - National Income refers to the total income earned by the residents of a country, regardless of whether the income is earned inside or outside the country. It includes the income from abroad, i.e., Net Factor Income from Abroad. - Formula:

$$\text{National Income} = \text{Domestic Income} + \text{Net Factor Income from Abroad}$$

In a two-sector economy, there is typically no distinction between National Income and Domestic Income if we assume that there is no foreign income or payments (i.e., Net Factor Income from Abroad is zero). However, if the economy involves cross-border transactions, such as income from abroad, then the two incomes would differ.

Hence, National Income is only equal to Domestic Income in a two-sector economy if there is no foreign income involved. In the general case where there is foreign income, National Income will exceed Domestic Income.

Quick Tip

National Income includes net income from abroad, whereas Domestic Income considers only the income generated within the country's borders.

17. Read the following text carefully:

Balance of Payments (BoP) systematically summarises the economic transactions of an economy with the rest of the world, over a given period of time.

The BoP can be broadly divided into two accounts namely:

- Current account
- Capital account

The current account measures the transfer of goods, services, income and transfers between an economy and the rest of the world. The current account may be sub-divided into merchandise account and invisible account. Merchandise account consists of transactions related to export and import of goods.

In the invisible account, there are three broad categories:

- Non-factor services such as travel, transportation, insurance etc.
- Transfer which do not involve any value in exchange.
- Income which includes compensation of employees and investment income.

The capital account reflects the net changes in financial claims on rest of the world. The capital account can be broadly broken up into two categories:

- Non-debt flows such as direct and portfolio investments.
- Debt flows such as external assistance, commercial borrowings, non-resident deposits etc.

The sum of the two accounts indicates the overall balance, which could be either in surplus or deficit. The movement in overall balance is reflected in changes in international reserves of the country.

Source: <https://mopsi.gov.in/109-balance-payments> (adopted and modified)

On the basis of the given text and common understanding, answer the following questions:

1. (a) Define Balance of Payments.
2. (b) Differentiate between the two accounts of Balance of Payments.
3. (c) Give the meaning of Balance of Payments deficit with formula.

Solution:

1. (a) **Balance of Payments:** Balance of Payments (BoP) is a systematic record of all economic transactions between the residents of a country and the rest of the world over a given period of time. It includes the exchange of goods, services, income, and transfers. It is divided into two main accounts: the current account and the capital account.
2. (b) **Difference between the two accounts of Balance of Payments:**
 - **Current Account:** This account records the import and export of goods and services, income from investments, and unilateral transfers (e.g., remittances). It consists of merchandise trade, services, income, and transfers.
 - **Capital Account:** This account records the transactions involving financial assets between the country and the rest of the world, including investments and borrowing. It includes non-debt flows such as direct investments and debt flows like loans.
3. (c) **Balance of Payments Deficit:** A Balance of Payments deficit occurs when the total outflows of money (such as imports, external debt repayments, etc.) exceed the total inflows (such as exports, investments, etc.) within a given period.

$$\text{BOP Deficit} = \text{Total Outflows} - \text{Total Inflows}$$

When the sum of the current and capital accounts is negative, it reflects a deficit in the Balance of Payments.

Quick Tip

Balance of Payments records all economic transactions between a country and the world, helping to assess the country's financial stability and external economic relations.

SECTION - B

(Indian Economic Development)

18. _____ of agriculture refers to production of crops for sale in the open market rather than for self consumption purpose.

- (1) Commercialisation
- (2) Diversification
- (3) Digitisation
- (4) Modernisation

Correct Answer: (1) Commercialisation

Solution: Commercialisation of agriculture refers to the process where agricultural production is primarily aimed at producing crops for sale in the market rather than for self-consumption. This shift is typically driven by market forces and is a key feature of modern agricultural practices.

Quick Tip

Commercialisation of agriculture helps improve productivity but may also lead to market dependency for farmers.

19. Read the following statements carefully: Statement 1: In 1978, commune lands were divided into small plots to the individual households for cultivation. Statement 2: Under commune system, professionals were sent to work and learn from the countryside. In the light of the given statements, choose the correct option from the following:

- (A) Statement 1 is true and Statement 2 is false.
- (B) Statement 1 is false and Statement 2 is true.
- (C) Both statements 1 and 2 are true.
- (D) Both statements 1 and 2 are false.

Correct Answer: (A) Statement 1 is true and Statement 2 is false.

Solution: In 1978, China introduced reforms which involved dividing commune lands into smaller individual plots to increase agricultural productivity. However, the statement about professionals being sent to work and learn from the countryside under the commune system is incorrect. The commune system mainly aimed at collectivising agricultural production and not at sending professionals to learn from the countryside.

Quick Tip

The shift from commune farming to individual household farming marked a significant agricultural reform in China during the late 20th century.

20. Identify, the options that emphasize the role of information and technology.

- (i) Achieving sustainable development**
 - (ii) Attainment of food security**
 - (iii) Disseminates information regarding emerging technologies.**
- (A) Only (i)
 - (B) Only (ii)
 - (C) (i) and (ii)
 - (D) (i), (ii) and (iii)

Correct Answer: (D) (i), (ii) and (iii)

Solution: Information and technology play a crucial role in achieving sustainable development, attaining food security, and disseminating knowledge about emerging technologies. All three aspects are intertwined as technology enables more efficient farming

practices, better resource management, and faster communication of technological advancements.

Quick Tip

Information and technology drive innovation and efficiency in sectors like agriculture, education, and healthcare, making them central to achieving global development goals.

21. Read the following statements: Assertion (A) and Reason (R). Choose one of the correct options given below:

Assertion (A): Under the land reforms, Indian government fixed the minimum land size which could be owned by an individual.

Reason (R): The purpose of land ceiling was to avoid the concentration of land ownership in a few hands.

(A) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

(B) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).

(C) Assertion (A) is true, but Reason (R) is false.

(D) Assertion (A) is false, but Reason (R) is true.

Correct Answer: (A) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

Solution: The Indian government introduced land reforms, including the concept of land ceilings, which set a maximum amount of land that an individual could own. The purpose of these reforms was indeed to avoid the concentration of land ownership in the hands of a few, making the statement (R) the correct explanation for the assertion (A). Hence, both Assertion (A) and Reason (R) are true, and Reason (R) correctly explains Assertion (A).

Quick Tip

Land ceiling reforms were essential to ensure a more equitable distribution of land and reduce income inequality in rural areas.

22. _____ are the people who operate their own farms / enterprises. (Choose the correct option to fill up the blank)

- (A) Hired Workers
- (B) Casual Wage Workers
- (C) Regular Salaried Employees
- (D) Self-Employed

Correct Answer: (D) Self-Employed

Solution: Self-employed individuals are those who operate their own farms or enterprises. They do not work for others but instead manage and run their own businesses or agricultural operations. Hired workers, casual wage workers, and regular salaried employees work for others and are not responsible for operating their own enterprises.

Quick Tip

Self-employed individuals have greater control over their work and are directly responsible for their business success.

23. Agricultural marketing is a process that involves the _____ of agricultural commodities. (Choose the correct option to fill up the blank)

- (A) (i) and (ii)
- (B) (ii) and (iii)
- (C) (ii), (iii) and (iv)
- (D) (ii), (iii) and (iv)

Correct Answer: (D) (ii), (iii) and (iv)

Solution: Agricultural marketing involves processes like assembling, processing, and grading of agricultural commodities. These processes help in making the products ready for the market. Privatisation is not a part of agricultural marketing in this context, so option (D) is the correct choice.

Quick Tip

Agricultural marketing plays a vital role in enhancing the efficiency and profitability of the agricultural sector.

24. _____ is based on the idea that education and health are integral to human well-being. (Choose the correct option to fill up the blank)

- (A) Human Resource
- (B) Human Development
- (C) Human Capital
- (D) Economic Development

Correct Answer: (B) Human Development

Solution: Human Development focuses on improving the quality of life for individuals, particularly in terms of education, health, and overall well-being. This approach views education and health as essential components for human progress and growth.

Quick Tip

Human development emphasizes enhancing people's capabilities and improving their quality of life beyond just economic measures.

25. In recent years, all the adults are encouraged to open bank accounts as part of a scheme known as _____. (Choose the correct option to fill up the blank)

- (A) Jan-Dhan Yojana

- (B) Jan-Aushadhi Yojana
- (C) Jan-Soochna Yojana
- (D) Jan-Arogya Yojana

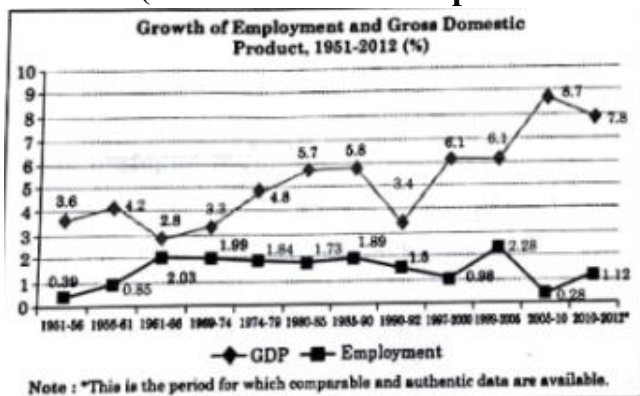
Correct Answer: (A) Jan-Dhan Yojana

Solution: The Jan-Dhan Yojana is a financial inclusion initiative by the Government of India, which encourages all adults to open a bank account. The scheme is designed to provide access to financial services such as banking, credit, insurance, and pension to the underbanked population.

Quick Tip

The Jan-Dhan Yojana aims to ensure that every household has access to basic banking services, thus promoting financial inclusion.

26. The given chart indicates the problem of _____ in the Indian Economy, post 1990-92. (Choose the correct option to fill up the blank)



- (A) Informalisation of Workforce
- (B) Casualisation of Workforce
- (C) Jobless Growth
- (D) Formalisation of Workforce

Correct Answer: (C) Jobless Growth

Solution: The chart indicates a significant increase in GDP growth over time, but

employment growth has not kept pace with it, especially post 1990-92. This situation is known as "Jobless Growth," where the economy is growing, but the growth in employment is very low or stagnant. This reflects a mismatch between economic growth and job creation.

Quick Tip

Jobless growth occurs when economic growth does not translate into equivalent job creation, often due to technological advancements or shifts in the structure of the economy.

Note: The following question is for the Visually Impaired Candidates only in lieu of Q. No. 26.

The situation under which an economy attains economic growth without corresponding rise in employment is known as _____. (Fill up the blank with correct option)

- (A) Informalisation of Workforce
- (B) Casualisation of Workforce
- (C) Jobless Growth
- (D) Formalisation of Workforce

Correct Answer: (C) Jobless Growth

Solution: The situation described is referred to as "Jobless Growth." This occurs when the economy experiences growth in terms of GDP, but the increase in employment does not correspond to the economic expansion. Technological advancements, automation, or shifts in the labor market structure can lead to this phenomenon.

Quick Tip

Jobless growth is a concern because it indicates that economic development is not creating sufficient employment opportunities for the population.

27. Read the following statements carefully:

Statement 1: Environmental concerns of waste generation and pollution have become critical, due to reversal of demand and supply relationship.

Statement 2: Environmental crisis happens when the rate of resource extraction is less than that of regeneration of resources.

In the light of the given statements, choose the correct option from the following:

- (A) Statement 1 is true and Statement 2 is false.
- (B) Statement 1 is false and Statement 2 is true.
- (C) Both statements 1 and 2 are true.
- (D) Both statements 1 and 2 are false.

Correct Answer: (B) Statement 1 is false and Statement 2 is true.

Solution: Statement 1 is incorrect because environmental concerns related to waste generation and pollution are not primarily caused by the reversal of the demand-supply relationship. These concerns arise due to the excessive consumption of natural resources and unsustainable waste management practices. Statement 2 is correct as it correctly explains that an environmental crisis occurs when the rate of resource extraction exceeds the rate of regeneration of resources, leading to depletion of resources and environmental degradation.

Quick Tip

An environmental crisis often occurs when the consumption of natural resources exceeds their capacity to regenerate, causing irreversible damage to ecosystems and resources.

28. (a) Define liberty indicator.

Solution: A liberty indicator is a measure used to assess the degree of freedom or autonomy that individuals or societies have in a given country or region. It reflects the extent to which citizens can exercise their rights, make decisions, and participate in activities without unnecessary restrictions from the government or other institutions.

Quick Tip

Liberty indicators help in evaluating the level of individual freedom and civil liberties within a society.

(b) State any two liberty indicators.

Solution: Two examples of liberty indicators are:

1. Freedom of Speech: This indicator measures the degree to which individuals are free to express their opinions and ideas without censorship or retribution.
2. Freedom of Assembly: This indicator assesses the right of individuals to gather peacefully in groups for social, political, or religious purposes without interference from authorities.

Quick Tip

Liberty indicators, such as freedom of speech and assembly, play a crucial role in defining the openness of a society.

29. (a) Medhya and Danish both had their own farms. Medhya invested in a few agricultural courses, learnt modern farming techniques, and trained her labourers on best practices related to soil fertility, crop management, pest control, etc. Whereas, Danish invested heavily in purchasing advanced farming machinery, irrigation systems, and high-quality seeds. Do you agree that Danish had made investment in human capital? Give valid reason in support of your answer.

Solution: No, Danish's investments do not constitute investment in human capital. While Medhya's investment in agricultural courses and training her labourers focuses on enhancing their skills and knowledge, which directly contributes to human capital development, Danish's investment in machinery, irrigation systems, and seeds pertains to physical capital rather than human capital. Human capital refers to the investment in people's skills, education, and training.

Quick Tip

Human capital investments focus on improving the skills and capabilities of individuals, while physical capital investments involve tools, equipment, and infrastructure.

OR

29. (b) "Expenditure on preventive medicine, curative medicine and social medicine helps in building human capital and economic development." Do you agree with the given statement? Give valid arguments in support of your answer.

Solution: Yes, I agree with the statement. Investment in preventive medicine, curative medicine, and social medicine plays a significant role in building human capital and promoting economic development.

1. Preventive Medicine: By focusing on the prevention of diseases, it reduces the long-term healthcare costs, increases the life expectancy, and improves the overall productivity of the workforce. A healthy population contributes positively to economic development.
2. Curative Medicine: Ensuring access to curative services enables workers to recover from illness quickly, leading to fewer days lost to illness and a more productive workforce.
3. Social Medicine: Social medicine addresses public health issues such as sanitation, nutrition, and mental health. Improvements in these areas lead to better overall health, which enhances human capital and fosters economic growth.

Quick Tip

Investing in healthcare, both in terms of prevention and treatment, contributes to the development of human capital by improving health and increasing workforce productivity.

30. "The British introduced many infrastructural development projects, which was largely driven by its own self-serving interest." Briefly explain any two main causes behind the infrastructural development undertaken by the colonial government.

Solution: The British colonial government introduced various infrastructural development projects primarily to serve their own economic and strategic interests. Two main causes behind these developments are:

1. **Facilitating Resource Extraction and Transportation:** The British focused on building railways, ports, and roads to transport raw materials from colonies to ports for export. This infrastructure was aimed at extracting and transporting resources for Britain's industrial economy, rather than for the welfare of the local population.
2. **Control and Administration:** The British constructed infrastructure like railways and telecommunication systems to maintain control and facilitate better administration of the vast territories. This helped in quicker movement of troops and officials, and effective communication across the empire.

Quick Tip

While colonial infrastructure development did contribute to modernizing certain sectors in India, it primarily served the interests of the colonial rulers rather than the local population.

31. (a) "In the recent times through various schemes and policies, the Government of India has taken vital initiatives to generate employment directly/indirectly." Justify the statement giving valid arguments.

Solution: Yes, the Government of India has indeed taken various measures through policies and schemes to generate employment both directly and indirectly. Some key examples are:

1. **Direct Employment Initiatives:** - Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA): This scheme provides wage employment to rural households by offering at least 100 days of employment per year. This directly contributes to employment generation. - Skill Development Initiatives: Schemes like the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) aim to skill the youth, making them employable in various sectors and thus directly impacting employment.
2. **Indirect Employment Initiatives:** - Make in India: This initiative aims to boost

manufacturing in India, which has indirectly created millions of jobs in industries such as automobile, electronics, and textiles. - Startup India: By promoting entrepreneurship and providing support for startups, this initiative indirectly helps in generating employment as new businesses are created, leading to job opportunities.

Quick Tip

Employment generation through government schemes plays a crucial role in reducing poverty and inequality while boosting overall economic growth.

OR

31. (b) "Micro credit programmes have been very helpful in supporting rural development and improving livelihoods in India." Do you agree with the given statement? Give valid reasons in support of your answer.

Solution: Yes, I agree with the statement. Microcredit programs have played a crucial role in supporting rural development and improving livelihoods in India. These programs, which offer small loans to individuals without access to traditional banking services, have several benefits:

1. **Empowerment of Rural Populations:** Microcredit helps rural individuals, especially women, to start or expand small businesses, leading to financial independence and empowerment. Many women have been able to support their families through microcredit, improving their social status.
2. **Improvement of Livelihoods:** By providing financial support, these programs enable individuals to invest in income-generating activities such as farming, small businesses, or handicrafts. This has led to an increase in income levels and overall quality of life for many rural families.
3. **Financial Inclusion:** Microcredit programs foster financial inclusion by making banking services accessible to the unbanked population, ensuring that more people can contribute to and benefit from the economic system.

Quick Tip

Microcredit programs not only provide financial resources but also promote self-reliance and social development in rural areas, making them a key tool for poverty alleviation.

32. On the basis of the given data, compare and analyse the distribution of workforce and its contribution to Gross Value added in India and China.

Sector	Contribution to GVA			Distribution of Workforce		
	India	China	Pakistan	India	China	Pakistan
Agriculture	16	7	24	43	26	41
Industry	30	41	19	25	28	24
Services	54	52	57	32	46	35
Total	100	100	100	100	100	100

Source : Human Development Report 2019 : Key Indicators of Asia and Pacific 2019.

Solution: The following table provides the sectoral share of employment and GVA in India, China, and Pakistan for 2018-2019.

Analysis: From the table, we can observe that:

1. Agriculture contributes the highest share to the workforce in India (43%), but its contribution to GVA is relatively low (16%). In contrast, China has a smaller portion of the workforce in agriculture (26%) and a much lower GVA contribution (7%). This suggests that India's agriculture is more labor-intensive with lower productivity.
2. Industry has a significantly higher share in China's economy (41%) as compared to India (30%), which is reflected in the higher GVA contribution from China (41%) compared to India (30%). This indicates that China's industrial sector is more productive.
3. Services is the dominant sector in India and China, contributing 54% and 52% to GVA respectively. However, India has a much smaller share of the workforce in services (32%)

compared to China (46%). This suggests that China's service sector is more labor-intensive than India's.

Quick Tip

A higher share of workforce in agriculture with low GVA indicates lower productivity in that sector, while a higher share in services with higher GVA shows a shift towards more productive sectors.

33.(a) (i) "To promote the green revolution, the Indian government provided fertilizer subsidies to the farmers." Briefly explain any two arguments in favour of such subsidies.

Solution: The fertilizer subsidies provided by the Indian government were instrumental in promoting the green revolution and boosting agricultural productivity. Two arguments in favor of such subsidies are:

1. **Increased Agricultural Productivity:** Fertilizer subsidies enabled farmers to afford high-quality fertilizers, which led to an increase in the usage of chemical inputs. This helped boost crop yields and contributed to greater food production, especially during the Green Revolution.
2. **Encouragement of Modern Agricultural Practices:** Subsidies made it financially feasible for farmers to adopt modern farming techniques, such as the use of high-yielding varieties (HYVs) of seeds, chemical fertilizers, and pesticides. This helped India transition from traditional farming to more productive and modern agricultural practices.

Quick Tip

Fertilizer subsidies play a crucial role in making modern agricultural inputs more accessible, which can lead to improved food security and economic growth in rural areas.

(ii) As per a news report dated 8th Oct. 2021, the Government of India sold its entire 100% stake in Air India. Tata Sons, the original founder of Air India, won the bid and

purchased the airline for 18,000 crore.

(1) Identify the step taken by the Government of India.

(2) State any two ways in which the identified step can be executed by the government.

Solution:

(1) Step taken by the Government of India:

The government took the step of privatizing Air India by selling its entire 100% stake to the Tata Group. This is part of the broader disinvestment policy aimed at reducing the public sector's involvement in non-strategic sectors.

(2) Ways in which this step can be executed:

1. Auction or Bidding Process: The government can execute the privatization by conducting an auction or bidding process where interested private entities place bids for the ownership of the public sector enterprise. In this case, Tata Sons participated in the bidding process and won the bid for Air India.

2. Sale of Shares to Private Investors: The government can also execute privatization by selling shares of a public sector company to private investors through the stock market. This method allows for a gradual transfer of ownership while raising capital for the government.

Quick Tip

Privatization can help improve the efficiency of state-owned enterprises by bringing in private sector expertise and reducing the financial burden on the government.

33.(b) (i) "After 1991, reforms in the external sector led to an increase in foreign exchange inflows". Justify the given statement with a valid argument.

Solution: The economic reforms initiated in 1991, particularly in the external sector, were aimed at liberalizing trade, increasing foreign investments, and stabilizing the Indian economy. Some key reforms that contributed to the increase in foreign exchange inflows include:

1. Devaluation of the Rupee: This made Indian exports cheaper and more competitive in international markets, leading to an increase in export revenues and foreign exchange

inflows.

2. Relaxation of Foreign Direct Investment (FDI) Norms: By allowing more foreign investment, India attracted significant FDI, boosting foreign exchange reserves.

3. Trade Liberalization: The reduction of tariffs and import restrictions encouraged foreign businesses to invest in India, leading to a higher inflow of foreign currency.

Quick Tip

Economic liberalization, particularly in the external sector, helps increase foreign exchange reserves, strengthens the currency, and boosts international trade.

(ii) "During the planning period, the public sector was given a dominant role in the Indian Economy." Justify the rationale behind this step taken by the Government of India.

Solution: The Indian government gave a dominant role to the public sector during the planning period for several key reasons:

1. Promoting Industrialization: The public sector was seen as the primary vehicle for industrial growth, especially in heavy industries like steel, power, and transport, which were vital for economic development.
2. Reducing Private Monopoly: By promoting public sector enterprises, the government aimed to reduce the dominance of private monopolies and promote equitable distribution of resources.
3. Fulfilling Social Objectives: The public sector was expected to contribute to the welfare of the people by providing essential services like education, healthcare, and infrastructure, which the private sector was not willing to supply on a large scale.
4. Self-Reliance and Independence: The government wanted to reduce dependency on foreign countries by fostering domestic production of goods, particularly in sectors like defense, energy, and manufacturing.

Quick Tip

The public sector was seen as a tool for achieving economic independence, industrialization, and equitable growth during the early years of India's development.

34. Read the following text carefully:

Climate change and sustainability of environment are two pressing issues that have captured global attention. In recent years, the world has witnessed a surge in extreme weather events including severe droughts, cloud bursts, floods, land slides, receding coastlines and the alarming melting of arctic ice and Himalayan Glaciers. Wildfires have become more frequent and intense. In this context, sustainable agriculture emerges as a crucial solution. This refers to those farming practices that meet today's requirements while preserving resources for the future generation. This means adopting methods that protect the environment, reduce dependence on chemical inputs, efficiently using water and land and ensuring socio-economic equity for farmers. On one hand sustainable agricultural practices are necessary, on the other, they are often more expensive to implement compared to conventional methods. Sustainable practices like organic farming, climate-smart technologies, modern irrigation systems may seem costly upfront, but they offer long-term benefits by improving productivity, and environmental stewardship. Without accessible and affordable financing options, the much needed shift to sustainable farming practices will remain a distant dream for many. Therefore, sustainable finance should not only promote eco-friendly practices but also ensure that financial resources are available to the farmers who need it.

Source: [https://website.vbi.org.in/web/rbi/-/speeches-](https://website.vbi.org.in/web/rbi/-/speeches-interview/financing-for-sustainable-agriculture)

interview/financing-for-sustainable-agriculture (adopted and modified)

On the basis of the given text and common understanding, answer the following questions:

- 1. (a) Define Sustainable Agriculture.**
- 2. (b) "Sustainable Agriculture practices, like organic farming may seem costly**

initially, but offer long term benefits.” Discuss the long term benefits these practices can offer.

3. (c) State any two strategies to promote sustainable development in a developing country like India.

Solution:

(a) Sustainable Agriculture: Sustainable agriculture refers to farming practices that meet the needs of the present generation without compromising the ability of future generations to meet their own needs. It focuses on using resources efficiently, maintaining environmental health, and promoting socio-economic equity for farmers.

(b) Long-term Benefits of Sustainable Agriculture: Sustainable agriculture offers several long-term benefits:

1. Improved Soil Health: Practices such as organic farming and crop rotation help maintain soil fertility, preventing soil degradation over time.
2. Reduced Environmental Impact: By minimizing the use of chemical fertilizers and pesticides, sustainable agriculture helps reduce pollution and promotes biodiversity.
3. Increased Productivity: Over time, the adoption of sustainable practices, like efficient water use and climate-smart technologies, leads to higher yields and improved resilience to climate change.

(c) Strategies to Promote Sustainable Development in India:

1. Government Support and Subsidies for Sustainable Farming: The government can provide financial support and incentives for farmers to adopt sustainable agricultural practices, such as organic farming and water-efficient technologies.
2. Awareness and Education Programs: Organizing campaigns and training programs to educate farmers about the benefits of sustainable farming and the long-term advantages it offers can help promote its widespread adoption.

Quick Tip

Sustainable agriculture is not just about protecting the environment; it's also about improving the long-term livelihoods of farmers and ensuring food security for future generations.

