

**Syllabus**  
**ECONOMICS (HUMANITIES/COMMERCE GROUP)**  
**CLASS – XII**

**Part A: Introductory Macroeconomics**

**Unit 1: National Income and Related Aggregates**

What is Macro Economics? Classical and Keynesian views about Macro Economics. Scope, Importance and Limitations of Macro Economics. Concept of Equilibrium: Partial Equilibrium and General Equilibrium. Basic concepts in Macro Economics: consumption goods, capital goods, final goods, intermediate goods, stock and flow variables, etc.

Circular flow of income and output (two sector economy model). Real flow and Monetary flow. Concept of Injections and withdrawals in Circular flow of Income and Output.

Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross and Net Domestic Product (GDP and NDP) - at market price, at factor cost.

Methods of calculating National Income - Value Added or Product method, Expenditure method, Income method with numerical questions.

**Unit 2: Determination of Income and Employment**

Aggregate Demand- Aggregate Supply and their components. Consumption function, Saving function, Investment function. Propensity to consume and propensity to save (average and marginal). Short-run equilibrium output. Meaning of full employment and involuntary unemployment.

Investment multiplier and its mechanism.

Problems of excess demand and deficient demand.

Measures to correct excess and deficient demand through Monetary and Fiscal policies of the government along with the instruments of monetary and fiscal policies.

**Unit 3: Money and Banking**

Money ó Barter System of Exchange: Meaning and Limitations. Money: Meaning, types, Importance, Functions of Money, advantages and disadvantages of money. Concept of Supply of Money and its measurement.

Banking: Meaning and Functions of Commercial Banks. Meaning and functions of Central bank (example of the Reserve Bank of India). Control of Credit by Central Bank through quantitative and qualitative measures.

**Unit 4: Government Budget and the Economy**

Government Budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; tax: meaning and types of taxes; classification of expenditure ó revenue expenditure and capital expenditure, planned expenditure and non-planned expenditure, developmental and non-developmental expenditure.

Measures of government budget deficit ó revenue deficit, fiscal deficit, primary deficit their meaning and measurement.

## **Unit 5: Foreign Exchange Rate and Balance of Payments**

Foreign exchange rate - Meaning of fixed and flexible exchange rates and methods of their determination along with their advantages and limitations. Foreign Exchange market-Meaning, types and Functions.

Balance of Payments- Meaning and components. Various types of accounts in Balance of Payment. Deficit in Balance of Payment: Meaning, causes and measures to correct it.

### **Part B: Indian Economic Development**

## **Unit 6: Development Experience (1947-90) and Economic Reforms since 1991**

A brief introduction of the state of Indian economy on the eve of independence.

Five Year Plans and NITI Aayog; Rationale behind the adoption of five years economic plans, common goals of five-year economic plans with their success and failures. NITI AAYOG; A brief introduction, structure, objectives and its working.

Agriculture: Meaning, Importance, main features, problems and policies of agriculture (institutional aspects and new agricultural strategy).

Industry: Meaning, Importance, problems and policies for industrial development (industrial licensing, etc.).

Economic Reforms since 1991: Features of Liberalisation, Privatization and Globalisation (LPG policy) and measures adopted in this policy of LPG. A critical evaluation of LPG Policy.

## **Unit 7: Current challenges faced by Indian Economy**

Poverty- absolute and relative. Causes of Poverty, suggestions to solve the problem of poverty from India and main programmes for poverty alleviation: A critical assessment.

Unemployment: Meaning, types and causes, suggestions to solve the problem of unemployment from India. Main programmes for the solution of the problem of unemployment from India.

Rural development: Key issues of rural credit and rural marketing - role of cooperatives; agricultural diversification; - organic farming.

Human Capital Formation: Meaning, how people become human capital; Role of human capital in economic development; Growth of Education Sector in India.

Infrastructure: Meaning and Types: Energy and Health: Problems and Policies: A critical assessment.

Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming. Concept of Pollution: Types and suggestions to solve the problem of pollution.

### **Part C: Statistics in Economics**

## **Unit 8: Correlation and Index Numbers**

Coefficient of Correlation of meaning and properties. Methods for the measurement of coefficient of correlation: scatter diagram method, Karl Pearson's method (only by direct method) (two variables ungrouped data) Spearman's rank order correlation (in case of untied ranks only).

Index Numbers - Meaning, objectives, problems in the construction of index numbers, methods of constructing; Unweighted Index (Simple aggregative and simple average of price relative method). Weighted Index Numbers (Weighted aggregative methods including Laspeyres's, Pasche's and Fisher's Index Numbers). Wholesale price index, Consumer price

index and index of industrial production. Uses of index numbers; Inflation and index numbers.

### **Developing Project in Economics**

The students may be encouraged to develop projects, as per the suggested project guidelines. Case studies of a few organisations/outlets may also be encouraged. Under this, the students will do only ONE comprehensive project using concepts from Part A, B and C of their syllabus.

#### **Guidelines for Project Work in Economics (Class 12<sup>th</sup>)**

The objectives of the project work are to enable learners to:

- Probe deeper into theoretical concepts learnt in XII
- Analyse and evaluate real world economic scenarios using theoretical constructs and arguments
- Demonstrate the learning of economic theory
- Follow up aspects of economics in which learners have interest
- Develop the communication skills to argue Logically

The expectations of the project work are that:

- Learners will complete ONE project and will work on one topic of Moral Values and try to imbibe those values along with the Project Work in each academic session.
- Project should be of 1000 words (excluding diagrams & graphs), preferably hand-written
- It will be an independent, self-directed piece of study

#### **Role of the teacher**

The teacher plays a critical role in developing thinking skills of the learners. A teacher should:

- Help each learner select the topic based on recently published extracts from the news media, government policies, RBI bulletin, NITI Aayog reports, IMF/World Bank reports etc., after detailed discussions and deliberations of the topic.
- Play the role of a facilitator and supervisor to monitor the project work of the learner through periodic discussions
- Guide the research work in terms of sources for the relevant data.
- Educate learner about plagiarism and the importance of quoting the source of the information to ensure authenticity of research work
- Prepare the learner for the presentation of the project work
- Arrange a presentation of the project file

#### **Scope of the project**

Learners may work upon the following lines as a suggested flow chart:

Choose a title/topic of the research problem

Set objectives of the research problem

Design of a questionnaire /Selection of Sources

Framing a sample & collection of data / material

Classification of data / material

Presentation of data/ material (with graphs and tables)

Analysis of data/ material (with various statistical techniques i.e. mean, median, SD, CV etc.)

Interpretation of data (draw the relevant conclusion from the collected data/material)

Suggestions to solve the problem

References / Bibliography

### **Expected Checklist**

Introduction of topic/title

Identifying the causes, consequences and/or remedies

Various stakeholders and effect on each of them

Advantages and disadvantages of situations or issues identified

Short-term and long-term implications of economic strategies suggested in the course of research.

Validity, reliability, appropriateness and relevance of data used for research work and for presentation in the project file.

Presentation and writing that is succinct and coherent in project file

Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

### **Mode of presentation/submission of the Project**

At the end of the stipulated term, each student will present the research work in the Project File to the External and Internal examiner. The questions should be asked from the Research Work/ Project File of the learner through viva-voce. The Internal Examiner should ensure that the research report submitted by the learner is his/her own original work. In case of any doubt, authenticity should be checked and verified.

Some of the examples of the projects are as follows (they are not mandatory but only suggestive):

- 1) Micro and Small-Scale Industries
- 2) Goods and Services Tax and its impact on GDP
- 3) Human Developmental Index
- 4) Monetary Policy committee and its functioning
- 5) A critical analysis of the present year Government Budget
- 6) Livestock- Backbone of Rural India
- 7) Determination of Minimum Support prices in India
- 8) Digital India- A step towards the future
- 9) Vertical Farming- An alternative way of farming
- 10) Food supply channels in India
- 11) Disinvestment Policy of the Present Government
- 12) Role of RBI in controlling Money Supply in India

- 13) Currency War- Reasons and Repercussions
- 14) Alternative Fuel- The need of the hour
- 15) Bumper Production- A boon or a bane for the farmer
- 16) Health Expenditure in India- Comparison of two or more states can be done
- 17) Trends in credit availability in India
- 18) Relation between stock price index and economic health of the country

**Moral Value Topics:**

- 1) Self Help Groups and their working
- 2) Sarv Shiksha Abhiyan- Cost benefit Analysis
- 3) Waste Management- A need of the Hour
- 4) Make in India- The way ahead
- 5) Inclusive growth strategy
- 6) Rain water harvesting- A solution to water problem in India
- 7) Organic Farming- Back to the nature
- 8) Skill Development in India