

# ECONOMIC APPLICATIONS (87)

## CLASS X

*There will be one theory paper of **two** hours duration of 100 marks and Internal Assessment of 100 marks.*

*The paper will consist of Part I and Part II.*

***Part I (compulsory)** will contain short answer questions on the entire syllabus.*

***Part II** will consist of questions that will require detailed answers. There will be a choice of questions.*

### THEORY – 100 Marks

#### 1. Demand and Supply: Basic Concepts

- (i) Demand and Supply; Law of demand and supply, demand and supply schedule and curve (both individual and market); movement and shift of the demand and supply curve; determinants of demand and supply; exceptions to the law of demand.

*Meaning of Demand and Supply.*

*A basic understanding of the law of demand and supply in which demand and supply schedules are to be used to explain the demand and supply curves. The individual demand and supply curves must be distinguished from market demand and supply curves. Determinants of demand and supply are to be specified. Exceptions to the law of demand are to be discussed.*

- (ii) Elasticity of demand and elasticity of supply  
Meaning and types.

*Self-explanatory*

#### 2. Factors of Production: Basic Concepts

Factors of production- Land, Labour, Capital and Entrepreneur.

*Land- meaning and characteristics, functions and its importance.*

*Labour- meaning and characteristics. Division of labour - meaning, Efficiency of labour- meaning, reasons for low efficiency of Indian labour.*

*Capital - meaning, types and characteristics. Capital formation – meaning.*

*Entrepreneur – meaning and functions.*

#### 3. Alternative Market Structures: Basic Concepts

Nature and structure of markets- Perfectly competitive market, Monopoly market, monopolistically competitive market, concept of product differentiation.

*The main features of the following market structures are to be discussed in the context of present business scenario–*

*Perfectly competitive market, Monopoly market, monopolistically competitive market.*

#### 4. The State and Economic Development

Instruments of State intervention - fiscal policy.

*The meaning of fiscal policy. Direct and Indirect Taxes (meaning), Types of Taxes (progressive, regressive, proportional and degressive - meaning with examples).*

#### 5. Money and Banking: Basic Concepts

Money: meaning; Inflation - meaning, effects of inflation on the functioning of the economy (in brief). Banking: Commercial Banks - functions; Central Bank - functions; quantitative and qualitative credit control measures adopted by RBI.

*A basic understanding of the concepts of money, Meaning and types of inflation to be discussed (Creeping, Walking, Running and Hyper-inflation). The impact of inflation on various economic entities such as, fixed income groups and producers are to be explained very briefly. Functions of commercial Banks: Acceptance of deposit and lending (types of loans and deposits must be taught) and functions of RBI-Monopoly of note issue. Qualitative and quantitative controls used by the RBI- the meaning and difference between the two. The tools of the qualitative and quantitative control should be named.*

**NOTE: IT IS SUGGESTED THAT CASE STUDIES MAY BE DISCUSSED ON THE FOLLOWING TOPICS:**

- Factors of Production
- Banking
- Inflation

### **INTERNAL ASSESSMENT – 100 Marks**

Candidates will be required to do a minimum of **four** assignments during the year, as assigned by the teacher.

#### **Suggested list of assignments:**

1. Take a fast-moving consumer good (FMCG) like washing machine detergent. Analyze the factors that determine the demand of this product. Present your findings in form of a class presentation.
2. Develop a hypothetical table of information for coffee that shows quantity demanded at various prices and supply of coffee at these prices. Draw a demand curve and supply curve and show an equilibrium price at which market is cleared of its supplies.
3. Make a list of products for which you think demand is price inelastic and price elastic. Specify the reasons you may think relevant for your analysis.
4. Take a case of a nationalized bank – visit any one of its branches in your city. Analyze the main functions of this bank's branch. Make a presentation to this effect.

5. Recently rates of interests have been reduced on all the saving instruments. Carry out a survey of 30 people in your area as to what is their reaction to this cut. The sample may consist of salaried people, business people and professionals.
6. Take a case of five FMCGs – fast moving consumer goods - bathing soaps, toothpastes, facial creams, shampoos, ball pens. Analyze as to how the market for these products is characterized by product differentiation.
7. Take the case of a company and analyze the production process in which all the factors that you studied in your class, are used by the company to produce a product.

### **EVALUATION**

The project work is to be evaluated by the subject teacher and by an External Examiner. The External Examiner shall be nominated by the Head of the school and may be a teacher from the faculty, **but not teaching the subject in the relevant section/class**. For example, a teacher of Economics of Class XI may be deputed to be the External Examiner for Class X Economic Applications project work.

The Internal Examiner and the External Examiner will assess the candidate's work independently.

#### **Award of marks (100 marks)**

Subject Teacher (Internal Examiner): 50 marks

External Examiner : 50 marks

The total marks obtained out of 100 are to be sent to the Council by the Head of the School. The Head of the school will be responsible for the online entry of marks on the Council's CAREERS portal by the due date.

## INTERNAL ASSESSMENT IN ECONOMIC APPLICATIONS - PROPOSED GUIDELINES FOR MARKING WITH GRADES

Criteria	Preparation	Procedure	Observation	Inference	Presentation	Marks
Grade I	Excellent choice of firm, appropriate to project; clear identification of aspect to study; good research.	Originality and relevance; creative, rational and structured thinking; effective model; good questionnaire.	Systematic record of data; good arrangement of data; independent market survey; creative representation.	Information fitted correctly to model; work indicates understanding, good comprehension of subject.	Methodical, precise and clear expression; neat and tidy presentation; optimum utilisation of skills.	4 marks for each criterion
Grade II	Relevant choice of firm; identified aspect to study; adequate research.	Originality and structured thinking; adequate framing of questions; good insight.	Able to record data, but not step-by-step; able to grasp information; independent market survey.	Can judge and grasp information correctly; conclusion quantitatively evaluated.	Work neat and tidy and clearly presented; methodical and appropriate techniques used.	3 marks for each criterion
Grade III	Adequate choice of firm; some idea of what to study; some information gathered.	Records information correctly but lacks originality; independent framing of questions.	Assistance required in presenting, recording and arranging data; can conduct market survey.	Requires some assistance to relate data to model; able to relate to economic scenario.	Reasonably clear but work disorganised in places; writing untidy in places.	2 marks for each criterion
Grade IV	Firm selected but continuous assistance required for collection of information.	Unable to form a correct model; requires assistance to prepare questionnaire.	Tends to make mistakes in organising data; some ability to conduct market survey.	Assistance required in order to grasp the relevant and validity of information; tends to make errors.	Sequence of work acceptable but not very neat; poor presentation.	1 mark for each criterion
Grade V	Lack of perception of the subject and objective; lack of effort.	Not able to comprehend concept of a model; unable to prepare questionnaire even with assistance.	Faulty survey and mistakes in data; not able to proceed even with assistance.	Cannot process results; faulty conclusions in spite of assistance provided.	Data presentation untidy and disorganised; effort and initiative lacking.	0 marks for each criterion