

**INDIAN PUBLIC SCHOOL KIDZEE, KATHUA**

**SYLLABUS SESSION 2024-25**

**Class XI (Theory)**

**Subject -: English**

**PA-I**

| <b>S.No.</b> | <b>Book: Hornbill</b>                          | <b>Book :Snapshots</b>                       |
|--------------|--|--|
| <b>1.</b>    | Chapter 1: The Portrait of a Lady              | Ch:1 The summer of the Beautiful White House |
| <b>2.</b>    | Poem -1: The Photograph<br>Poem – 2: Childhood |  |

**T-I**

| <b>S.No.</b> | <b>Book: Hornbill</b>   | <b>Book :Snapshots</b>                              |
|--------------|---|---|
| <b>1.</b>    | Chapter 1: We are not afraid to Die.. if We can All be together | Chapter- 1: The Address<br>Chapter- 2: Mother's Day |
| <b>2.</b>    | Poem1: The Laburnum Top<br>Poem2: The Voice of the Rain         |   |

**PA-II**

| <b>S. No.</b> | <b>Book: Hornbill</b> | <b>Book :Snapshots</b> |
|---------------|-----------------------|------------------------|
|---------------|-----------------------|------------------------|

|           |  |   |
|-----------|--|---|
|           |  |   |
| <b>1.</b> | Chapter 1: We are not afraid to Die .. if We can All be together | Chapter- 1: The Address<br>Chapter- 2: Mother's Day |
| <b>2.</b> | Poem1: The Laburnum Top<br>Poem2: The Voice of the Rain          |   |

## **T-II**

| <b>S. No.</b> | <b>Book: Hornbill</b>                              | <b>Book :Snapshots</b>                                  |
|---------------|--|---|
| <b>1.</b>     | Chapter- 1: The Adventure<br>Chapter- 2: Silk Road | Chapter- 1: Birth<br>Chapter- 2: The Tale of Melon City |
| <b>2.</b>     | Poem 1: Father to son                              |   |

## **Subject- Computer Science**

### **PA-I**

| <b>UNIT No.</b> | <b>UNIT</b>              |
|-----------------|--------------------------|
| I.              | Computer System Overview |
| II.             | Data Representation      |
| III.            | Boolean Logic            |

**T-I**

| <b>Unit No.</b> | <b>Unit</b>                     |
|-----------------|---------------------------------|
| I               | Computer System Overview        |
| II              | Data Representation             |
| III             | Boolean Logic                   |
| IV              | Introduction to Problem Solving |
| V               | Getting started with Python     |
| VI              | Python Fundamentals             |
| VII             | Data Handling                   |
| VIII            | Flow of Control                 |

**PA-II**

| <b>Unit No.</b> | <b>Unit</b>     |
|-----------------|-----------------|
| I               | Data Handling   |
| II              | Flow of Control |

**T-II**

| <b>Unit No.</b> | <b>Unit</b>         |
|-----------------|---------------------|
| VII             | Data Handling       |
| VIII            | Flow of Control     |
| IX              | String Manipulation |
| X               | List Manipulation   |
| XI              | Tuples              |
| XII             | Dictionaries        |

|     |                                     |
|-----|-------------------------------------|
| XIV | Cyber Safety                        |
| XV  | Online Access and Computer Security |
| XVI | Society Law and Ethics              |

**Subject: Biology (Code No.044)**

**PA -I**

| S.No. | Chapter                                |
|-------|--|
| 1     | <b>BREATHING AND EXCHANGE OF GASES</b> |
| 2     | <b>CELL CYCLE AND CELL DIVISION</b>    |
| 3     | <b>PLANT KINGDOM</b>                   |

**T-I**

| S.No | Chapter                               |
|------|---------------------------------------|
| 1.   | <b>The Living World</b>               |
| 2.   | <b>Biological Classification</b>      |
| 3.   | <b>Animal Kingdom</b>                 |
| 4.   | <b>Plant Kingdom</b>                  |
| 5.   | <b>Cell Cycle in Cell Division</b>    |
| 6.   | <b>Breathing and Exchange of Gas</b>  |
| 7.   | <b>Photosynthesis in Higher Plant</b> |

|           |                                    |
|-----------|------------------------------------|
| <b>8.</b> | <b>Body Fluids and Circulation</b> |
|-----------|------------------------------------|

**PA-II**

| <b>S.No</b> | <b>Chapter</b>                       |
|-------------|--------------------------------------|
| <b>1.</b>   | <b>Morphology of flowering plant</b> |
| <b>2.</b>   | <b>Anatomy of Flowering plant</b>    |
| <b>3.</b>   | <b>Biomolecules</b>                  |

**T-II**

All the Units

**Chemistry**

**PA-I**

**Unit I Some Basic Concepts of Chemistry**

**Unit II Structure of Atom**

**T-I**

**Unit III Classification of Elements and Periodicity in Properties**

**Unit IV Chemical Bonding and Molecular Structure**

**Unit V Chemical Thermodynamics**

**Unit VI Equilibrium**

**PA-II**

**Unit VII Redox Reactions**

**Unit VIII Organic Chemistry: Some Basic Principles and Techniques**

## **T-II**

### **Unit I Some Basic Concepts of Chemistry**

**Unit II Structure of Atom**

**Unit III Classification of Elements and Periodicity in Properties**

**Unit IV Chemical Bonding and Molecular Structure**

**Unit V Chemical Thermodynamics**

**Unit VI Equilibrium**

**Unit VII Redox Reactions**

**Unit VIII Organic Chemistry: Some Basic Principles and Techniques**

**Unit IX Hydrocarbons**

## **Physics (Code No.042)**

### **PA -I**

| <b>S.No.</b> | <b>Chapter No.</b> | <b>Chapter</b>            |
|--------------|--------------------|---------------------------|
| <b>1.</b>    | <b>I</b>           | Units and Measurement     |
| <b>2.</b>    | <b>II</b>          | Motion in a straight Line |

## **T-I**

| <b>S.No.</b> | <b>Chapter No.</b> | <b>Chapter</b>                            |
|--------------|--------------------|---|
| 1.           | I                  | Units and Measurement                     |
| 2.           | II                 | Motion in a straight Line                 |
| 3.           | III                | Motion in a Plane                         |
| 4.           | IV                 | Laws of Motion                            |
| 5.           | V                  | Work, Energy and Power                    |
| 6.           | VI                 | System of Particles and Rotational Motion |
| 7.           | VII                | Gravitation                               |

## **PA-II**

| <b>S.No.</b> | <b>Chapter No.</b> | <b>Chapter</b>                  |
|--------------|--------------------|---------------------------------|
| 1.           | VIII               | Mechanical Properties of Solids |
| 2.           | IX                 | Mechanical Properties of Fluids |
| 3.           | X                  | Thermal Properties of Matter    |

## **T-II**

| <b>S.No.</b> | <b>Chapter No.</b> | <b>Chapter</b>                            |
|--------------|--------------------|---|
| 1.           | I                  | Units and Measurement                     |
| 2.           | II                 | Motion in a straight Line                 |
| 3.           | III                | Motion in a Plane                         |
| 4.           | IV                 | Laws of Motion                            |
| 5.           | V                  | Work, Energy and Power                    |
| 6.           | VI                 | System of Particles and Rotational Motion |
| 7.           | VII                | Gravitation                               |
| 8.           | VIII               | Mechanical Properties of Solids           |
| 9.           | IX                 | Mechanical Properties of Fluids           |
| 10.          | X                  | Thermal Properties of Matter              |
| 11.          | XI                 | Thermodynamics                            |
| 12.          | XII                | Kinetic Theory                            |
| 13.          | XIII               | Oscillation                               |
| 14.          | XIV                | Waves                                     |

## **Maths**

### **PA-I**

Ch 1- Sets

Ch 2- Relation and functions

Ch 3- Trigonometric functions

### **T-I**

Ch 4- Complex numbers

Ch 5- Linear inequalities

Ch 6- Permutations and combinations

Ch 7- Binomial theorem

### **PA-II**



Ch 8- Sequence and series

Ch 9- Straight lines

Ch 10- Conic sections

Ch 11- Introduction to 3-D geometry

**T-II**

All the Units.

**Physical Education**

**PA- 1**

Unit 1

Unit 3

**T- I**

Unit 2

Unit 4

Unit 5

**PA-II**

Unit 6

Unit 7

**Term- II**

Unit 8

Unit 9

Unit 10

**Economics(Code No.030)**

**PA -I**

| S.No.       | Chapter No. | Chapter   |
|-------------|-------------|---|
|             |             | <b>Part-A (Introductory Microeconomics)</b>         |
| <b>I.</b>   | I           | Economics and Economy                               |
| <b>II.</b>  | II          | Central Problems of an Economy                      |
|             |             | <b>Part-B(Statistics for Economics)</b>             |
| <b>III.</b> | I           | Concept of Economics and Significance of Statistics |

### T-I

| S.No.        | Chapter No. | Chapter  |
|--------------|-------------|--|
|              |             | <b>Part-A(Introductory Microeconomics)</b>                 |
| <b>I.</b>    | III         | Consumer Equilibrium Utility analysis                      |
| <b>II</b>    | IV          | Consumer Equilibrium-Indifference Curve Analysis           |
| <b>III</b>   | II          | Theory of Demand   |
| <b>IV.</b>   | III         | Price Elasticity of Demand                                 |
|              |             | <b>Part -B</b>   |
| <b>V.</b>    | II          | Collection of Data   |
| <b>VI.</b>   | III         | Census and Sample Method of Collection of Data             |
| <b>VII.</b>  | IV          | Organisation of Data                                       |
| <b>VIII.</b> | V           | Presentation of Data-Textual and Tabular                   |
| <b>IX.</b>   | VI          | Diagramming presentation of data-Bar Diagram and Pie Chart |
| <b>X.</b>    | VII         | Frequency diagram- Histogram, Polygon and Ogive            |
| <b>XI.</b>   | VIII        | Arithmetic Line Graph                                      |
| <b>XII</b>   | IX          | Measure of Central Tendency- Arithmetic Mean               |

**PA-II**

| <b>S.No.</b> | <b>Chapter No.</b> | <b>Chapter</b>                              |
|--------------|--------------------|---|
|              |                    | <b>Part-A(Introductory Microeconomics)</b>  |
| <b>I.</b>    | VII                | Production Function and Returns to a factor |
| <b>II.</b>   |                    | <b>Part-B(Statistics for Economics)</b>     |
| <b>III</b>   | IX                 | Measure of Central Tendency-Median and Mode |

**T-II**

| <b>S.No.</b> | <b>Chapter No.</b> | <b>Chapter</b>  |
|--------------|--------------------|---|
|              |                    | <b>Part-A Introductory Microeconomics</b>   |
| <b>I.</b>    | I                  | Economics and Economy   |
| <b>II.</b>   | II                 | Central Problems of an Economy  |
| <b>III.</b>  | III                | Consumer Equilibrium -Utility Analysis  |
| <b>IV.</b>   | IV                 | Consumer Equilibrium-Indifference Curve Analysis  |
| <b>V.</b>    | V                  | Theory of Demand  |
| <b>VI.</b>   | VI                 | Price Elasticity of Demand  |
| <b>VII.</b>  | VII                | Production Function and Returns to a factor   |
| <b>VIII.</b> | VIII               | Concept of Cost   |
| <b>IX.</b>   | IX                 | Concept of Revenue  |
| <b>X.</b>    | X                  | Producer Equilibrium  |
| <b>XI.</b>   | XI                 | Theory of Supply  |
| <b>XII.</b>  | XII                | Forms of Market   |
| <b>XII.</b>  | XIII               | Market Equilibrium Under Perfect Competition and Effects of Shifts un Demand and Supply |

|             |      | <b>Part-B(Statistics for Economics)</b>                          |
|-------------|------|--|
| <b>I</b>    | I    | Concept of Economies and Significance of Statistics in Economics |
| <b>II</b>   | II   | Collection of Data   |
| <b>III</b>  | III  | Census and Sample Methods of Collection of Data                  |
| <b>IV</b>   | IV   | Organisation of Data   |
| <b>V</b>    | V    | Presentation of Data- Textual and Tabular Presentation           |
| <b>VI</b>   | VI   | Diagrammatic Presentation of Data-Bar Diagram and Pie Diagram    |
| <b>VII</b>  | VII  | Frequency Diagrams-Histogram, Polygon and Ogive                  |
| <b>VIII</b> | VIII | Arithmetic line Graph  |
| <b>IX</b>   | IX   | Measure of Central Tendency- Arithmetic Mean                     |
| <b>X</b>    | X    | Measure of Central Tendency- Median and Mode                     |
| <b>XI</b>   | XI   | Correlation  |
| <b>XII</b>  | XII  | Index Number   |

## **Geography**

### **PA-I**

| <b>S.no</b> | <b>Chapters</b>   |
|-------------|---|
| <b>1.</b>   | <b>A) Fundamentals of Human geography</b><br><b>1. Human Geography</b>  |
| <b>2</b>    | <b>B) The Indian People and Economy</b><br><b>1. Population Distribution, Density Growth and Composition</b><br><b>2. Human Settlements</b> |

## T-I

| <b>S.No.</b> | <b>Chapter</b>   |
|--------------|--|
| <b>1.</b>    | <b>A) Fundamentals of Human geography</b><br><b>1. Human Geography</b><br><b>2. The World Population, Density and Growth</b><br><b>3. Primary Activities</b><br><b>4. Human Development</b>                          |
| <b>2.</b>    | <b>B) The Indian People and Economy</b><br><b>1. Population Distribution, Density Growth and Composition</b><br><b>2. Human Settlements</b><br><b>3. Land Resources and Agriculture</b><br><b>4. Water Resources</b> |

## PA-II

| <b>S.No.</b> | <b>Chapter</b>  |
|--------------|---|
| <b>1.</b>    | A) Fundamental of Human geography<br>1. Secondary activities<br>2. Tertiary and quaternary activities |
| <b>2.</b>    | (B) India people and economy<br>1. Mineral and energy resources                                       |

## T-II

**Complete books**

A. Fundamental of Human geography

B. Mineral and energy resources

## **Sociology**

### **PA-I**

| <b>S. No.</b> | <b>Chapter No.</b> | <b>Chapter</b>  |
|---------------|--------------------|---|
| <b>I.</b>     | 1.                 | Sociology, Society and it's Relationship with other Social Sciences |
| <b>II.</b>    | 2.                 | Terms concepts and their use in Sociology                           |

### **T-I**

| <b>S. No.</b> | <b>Chapter No.</b> | <b>Chapter</b>                    |
|---------------|--------------------|-----------------------------------|
| <b>I.</b>     | 3.                 | Understanding social institutions |
| <b>II.</b>    | 4.                 | Culture and socialization         |

### **PA-II**

| <b>S. No.</b> | <b>Chapter No.</b> | <b>Chapter</b>  |
|---------------|--------------------|---|
| <b>I.</b>     | 1.                 | Social change and Social order in Rural and Urban Society |

### **T-II**

| <b>S. No.</b> | <b>Chapter No.</b> | <b>Chapter</b>                  |
|---------------|--------------------|---------------------------------|
| <b>I.</b>     | 3.                 | Introducing Western Sociologist |
| <b>II.</b>    | 4.                 | Indian Sociologist              |

## History

### PA-I

| <b>S.No.</b> | <b>Chapter</b>                   |
|--------------|----------------------------------|
| 1.           | Writing and City Life            |
| 2.           | An Empire across three continent |

### T-I

| <b>S.No.</b> | <b>Chapter</b>                   |
|--------------|----------------------------------|
| 1.           | Writing and City Life            |
| 2.           | An Empire across three continent |
| 3.           | Nomadic of Empire                |
| 4.           | The three orders                 |

### PA-II

| <b>S.no.</b> | <b>Chapter</b>               |
|--------------|------------------------------|
| 1.           | The Three Orders             |
| 2.           | Teaching Cultural Tradition  |
| 3.           | Displacing Indigenous People |

### T-II

| <b>S.No.</b> | <b>Chapter</b>              |
|--------------|-----------------------------|
| 1.           | Changing Cultural Tradition |
| 2.           | Displacing Indigenous       |

|    |                       |
|----|-----------------------|
| 3. | Path of Modernisation |
|----|-----------------------|

## Political Science

### PA -I

| Book 1 (Indian Constitution at work)  | Book 2 (Political Theory)                    |
|---------------------------------------|--|
| Chapter 1: Constitution: Why and How? | Chapter 1: Political Theory: An Introduction |

### T-I

| Book 1 (Indian Constitution at work)     | Book 2 (Political Theory)                    |
|--|--|
| Chapter 1: Constitution: Why and How?    | Chapter 1: Political Theory: An Introduction |
| Chapter 2: Rights in Indian Constitution | Chapter 2: Freedom                           |
| Chapter 3: Election and Representation   | Chapter 3: Equality                          |
| Chapter 4: Executive                     | Chapter 4: Social Justice                    |

### PA -II

| Book 1 (Indian Constitution at work) | Book 2 (Political Theory) |
|--------------------------------------|---------------------------|
| Chapter 5: Legislature               | Chapter 5: Rights         |
| Chapter 6: Judiciary                 |                           |
| Chapter 7: Federalism                |                           |

### T-II

| Book 1 (Indian Constitution at work)     | Book 2 (Political Theory)                    |
|--|--|
| Chapter 1: Constitution: Why and How?    | Chapter 1: Political Theory: An Introduction |
| Chapter 2: Rights in Indian Constitution | Chapter 2: Freedom                           |
| Chapter 3: Election and Representation   | Chapter 3: Equality                          |
| Chapter 4: Executive                     | Chapter 4: Social Justice                    |



|  |                        |
|--|------------------------|
| Chapter 5: Legislature                       | Chapter 5: Rights      |
| Chapter 6: Judiciary                         | Chapter 6: Citizenship |
| Chapter 7: Federalism                        | Chapter 7: Nationalism |
| Chapter 8: Local Government                  | Chapter 8: Secularism  |
| Chapter 9: Constitution as a living Document |                        |
| Chapter 10: Philosophy of the Constitution   |                        |

## **Psychology**

### **PA-I**

| <b>S.No.</b> | <b>Chapter</b>                   |
|--------------|----------------------------------|
| 1.           | What is Psychology?              |
| 2.           | Methods of Enquiry in Psychology |

### **T-I**

| <b>S.No.</b> | <b>Chapter</b>                                |
|--------------|---|
| 1.           | What is Psychology ?                          |
| 2.           | Methods of Enquiry in Psychology              |
| 3.           | Human Development                             |
| 5.           | Sensory, Attentional and Perceptual Processes |

### **PA-II**

| <b>S.No.</b> | <b>Chapter</b> |
|--------------|----------------|
| 1.           | Learning       |
| 2.           | Human Memory   |

## **T-II**

| <b>S.No.</b> | <b>Chapter</b>                   |
|--------------|----------------------------------|
| 1.           | Methods of Enquiry in Psychology |
| 2.           | Human Development                |
| 3.           | Learning                         |
| 4.           | Human Memory                     |
| 5.           | Thinking                         |
| 6.           | Motivation and Emotion           |

## **Subject - B.studies**

### **PA-I**

| <b>S.No</b> | <b>Chapter</b>                         |
|-------------|--|
| 1.          | Evolution and fundamentals of business |
| 2.          | Forms of business organisation         |

### **T-I**

| <b>S.No</b> | <b>Chapter</b>                        |
|-------------|---------------------------------------|
| 1.          | Public Private and Global Enterprises |
| 2.          | Business Services                     |
| 3.          | Emerging modes of Business            |

## **PA-II**

| <b>S.No</b> | <b>Chapter</b>  |
|-------------|---|
| 1.          | Social responsibility of business and business ethics |
| 2.          | Sources of business finance                           |

## **T-II**

| <b>S.No</b> | <b>Chapter</b>         |
|-------------|------------------------|
| 1.          | Small Business         |
| 2.          | Internal Trade         |
| 3.          | International Business |

## **Accountancy**

### **PA-I**

- \* Basic accounting terms
- \* Journal

### **T-I**

- \* JOURNAL
- \* LEDGER
- \* TRAIL BALANCE

### **PA-II**

- \*TRADING ACCOUNT
- \* FINANCIAL STATEMENTS

### **T-II**

All the Chapters.

## **Painting**

### **PA-I**

UNIT -1

Pre history Rock Paintings And Art Of Indus Valley.

T-I

General introduction of Art during mauryan,Shunga,Kushana,and Gupta period.  
Art of Ajanta.

PA -2

UNIT -3

Indian temple Sculptures.  
Indian Bronzes.  
Indo-Islamic Architecture.

TERM-2

Whole SYLLABUS.