

YUVASHAKTI MODEL SCHOOL,

SECTOR-III, ROHINI, DELHI

Class :- XII

SYNOPSIS

Term-First

ENGLISH

Flamingo :

| | | |
|----|---|-----------------|
| L1 | : | The Last Lesson |
| L2 | : | Lost Spring |
| L3 | : | Deep Water |
| L4 | : | The Rattrap |
| L5 | : | Indigo |

Poetry :

| | | |
|-----|---|--|
| P 1 | : | My Mother at Sixty Six |
| P 2 | : | An Elementary School Classroom in a Slum |
| P 3 | : | Keeping Quiet |
| P 4 | : | A Thing of Beauty |

Vistas :

| | | |
|-----|---|----------------|
| L 2 | : | The Tiger King |
| L 4 | : | The Enemy |

Writing Skill & Grammar

- Notices, Posters, Advertisements, Formal and Informal Invitations and Replies
- Letters (Order, Enquiry, Complaint, Editor)
- Job Applications
- Article Writing
- Speech Writing
- Debate Writing
- Report Writing

| | | |
|---------|---|------------------------------------|
| Reading | : | Unseen Passages for Comprehension |
| | : | Passage for Notemaking and Summary |

| | | |
|-------|---|--------------------------------------|
| Novel | : | The Invisible Man (Lesson - 1 to 14) |
|-------|---|--------------------------------------|

MATHS

| S.No. | Name of the Chapter |
|-------|-------------------------------|
| 1 | Relation & Function |
| 2 | Inverse Trigonometry Function |
| 3 | Matrices |
| 4 | Determinants |
| 5 | Continuity & Differentiation |
| 6 | Application of Derivative |
| 7 | Integrals |
| 8 | Application of Integrals |

PHYSICS

| S.No. | Unit No. | Name of the Chapter |
|-------|----------|---|
| 1 | 1 | Electrostatics |
| 2 | 2 | Current Electricity |
| 3 | 3 | Magnetic Effects of Current & Magnetism |
| 4 | 4 | Electromagnetic Induction |
| 5 | 5 | E.M. Waves |
| 6 | 6 | Optics (Ray & Wave) |

CHEMISTRY

| S.No. | Unit No. | Name of the Chapter |
|-------|----------|---------------------------------------|
| 1 | 1 | Solid State |
| 2 | 2 | Solutions |
| 3 | 3 | Electrochemistry |
| 4 | 4 | Kinetics |
| 5 | 10 | Haloalkanes & Haloarenes |
| 6 | 11 | Alcohols, Phenols & ethers |
| 7 | 12 | Aldehydes, Ketones & carboxylic acids |
| 8 | 13 | Amines |
| 9 | 14 | bionolecules |

BIOLOGY

Unit - VI

| S.No. | Chapter | Name of the Chapter |
|-------|---------|---|
| 1 | L-1 | Reproduction in Organism |
| 2 | L-2 | Sexual Reproduction in Flowering Plants |
| 3 | L-3 | Human Reproduction |
| 4 | L-4 | Reproductive Health |

Unit - VII

| | | |
|---|-----|--|
| 5 | L-5 | Principles of Inheritance & Variations |
| 6 | L-6 | Molecular Basis of Inheritance |
| 7 | L-7 | Evolution |

Unit - VIII

| | | |
|----|------|---|
| 8 | L-8 | Human Health & Diseases |
| 9 | L-9 | Strategies for Enhancement in Food Production |
| 10 | L-10 | Microbes in Human Welfare |

Unit - IX

| | | |
|----|------|--|
| 11 | L-11 | Biotechnology : Principles & Processes |
| 12 | L-12 | Biotechnology & its Application |

Computer Science

| Chapter No. | Name of the Chapter |
|-------------|-----------------------------|
| 1 | C++ Revision Tour |
| 2 | Object Oriented Programming |
| 3 | Function Overloading |
| 4 | Classes & Objects |
| 5 | Constructors & Destructors |
| 6 | Inheritance |
| 7 | Data File Handling |
| 8 | Pointers |
| 11 | Database Concepts |
| 12 | Structured Query Language |

INFORMATICS PRACTICES

| Chapter No. | Name of the Chapter |
|-------------|--|
| 1 | Computer Networking |
| 2 | Open Source Concepts |
| 3 | Java GUI Programming Revision Tour I |
| 4 | Java GUI Programming Revision Tour II |
| 5 | Java GUI Programming Revision Tour III |
| 6 | Classes & Libraries |
| 7 | Concept of Inheritance |
| 13 | MySQL Revision Tour |
| 14 | Database Transactions |
| 15 | Grouping Records & Table Joins |
| 16 | Tables & Integrity Constraints |

ACCOUNTANCY

| Chapter No. | Name of the Chapter |
|-------------|-----------------------------------|
| 1 | Financial Statement of Company |
| 2 | Financial Statement Analysis |
| 3 | Tools of Financial Analysis |
| 4 | Accounting Ratio |
| 5 | Cash Flow Statement |
| 6 | Fundamental of Partnership |
| 7 | Goodwill - Valuation and Nature |
| 8 | Change in Profit Sharing Ratio |
| 9 | Admission of a Partner |
| 10 | Retirement and Death of a Partner |
| 11 | Dissolution of Partnership Firm |
| 12 | Non-Profit Organization (NPO) |

BUSINESS STUDIES

| Chapter No. | Name of the Chapter |
|-------------|---------------------------------------|
| 1. | Nature and Significance of Management |
| 2. | Principles of Management |
| 3. | Business Management |
| 4. | Planning |
| 5. | Organizing |

6. Staffing
7. Directing
8. Controlling

Project Work **Project on Principles of Management**

ECONOMICS

| S.No. | Chapter | Name of the Chapter |
|-------|---------|--|
| 1 | 1 | Introductions |
| 2 | 2 | Consumer Equilibrium & Supply |
| 3 | 3 | Producer's Behaviour & supply |
| 4 | 4 | Forms of Market & Price Determination |
| 5 | 8 | Govt. Budget in the Economy MACRO ECONOMICS |
| 6 | 9 | Balance of Payment |

हिंदी

प्रस्तावित पुस्तकें –

1. अंतरा – II
2. अंतराल – II
3. अभिव्यक्ति और माध्यम

अंतरा – II, काव्यखंड

कवि

कविता

- | | |
|---------------------------------|-----------------------|
| – जयशंकर प्रसाद | (क) देवसेना का गीत |
| – सूर्यकांत त्रिपाठी | (ख) कार्नेलिया का गीत |
| – सच्चिदानंद हीरानंद वात्स्यायन | (क) गीत गाने दो मुझे |
| – केदारनाथ सिंह | (ख) सरोज स्मृति |
| – तुलसीदास | (क) यह दीप अकेला |
| – विष्णु खरे | (ख) मैने देखा एक बूँद |
| | (क) बनारस |
| | (ख) दिशा |
| | (क) भरत राम का प्रेम |
| | (ख) पद |
| | (क) सत्य |
| | (ख) एक कदम |

लेखक अंतरा – II, गद्यखंड
पाठ

रामचंद्र शुक्ल
चंद्रधर शर्मा गुलेरी
ब्रजमोहन 'व्यास'
फणीश्वर नाथ रेणु
भीष्म साहनी
असगर वजाहत

प्रेमघन की छायास्मृति
सुमिरिनी के मनके
कच्चा चिट्ठा
संवदिया
गांधी, नेहरू और यास्सेर अराफात
शेर, पहचान, चार हाथ, साझा

अंतराल – II

(क) सूरदास की झोंपड़ी
(ख) आरोहण
अभिव्यक्ति और माध्यम:-

- (क) विभिन्न माध्यमों के लिए लेखन
- (ख) पत्रकारीय लेखन के विभिन्न रूप और प्रकिया
- (ग) विभिन्न लेखन स्वरूप
- (घ) अपठित बोध: – गद्यांश, पद्यांश, पत्र, निबंध

HISTORY

| Chapter No. | Name of the Chapter |
|-------------|-----------------------------------|
| 1 | Bricks, Beads and Bones |
| 2 | Kings, Farmers and Towns |
| 3 | Kinship, Caste and Class |
| 4 | Thinkers Beliefs and Buildings |
| 5 | Through the eyes of the travelers |
| 6 | Bhakti and Sufi Traditions |
| 7 | An Imperial Capital Vijaya Nagar |
| 8 | Peasants Zamindars and State |
| 9 | Kings and the Chronicles |
| 10 | Colonialism and the country side |
| 11 | Rebels and the Raj |
| 12 | Colonial cities |

GEOGRAPHY

TEXT BOOKS :-

- | | | |
|----|---------------------------------|--------------|
| 1. | Fundamentals of Human Geography |) NCERT PUB. |
| 2. | INDIA – People & Economy | |
| 3. | Practical Geography -II | |

BOOK I Fundamentals of Human Geography

| Chapter No. | Name of the Chapter |
|-------------|---|
| 1 | Nature & Scope of human Geography |
| 2 | Population : Density, Distribution & Growth |
| 3 | Population Composition |
| 4 | Human Development |
| 5 | Primary Activities |
| 6 | Secondary Activities |
| 7 | Tertiary and Quaternary activities |
| 8 | Transport and Communication |
| 9 | International Trade |
| 10 | Human Settlements |

BOOK II India- People and Economy :

| Chapter No. | Name of the Chapter |
|-------------|---|
| 1 | India : Population Distribution, Density , Growth and Composition |
| 2 | Migration |
| 3 | Human Development |
| 4 | Human Settlements |

POLITICAL SCIENCE

BOOK-I Politics In Contemporary World

| Chapter | Name of the Chapter |
|---------|------------------------------------|
| 1 | The Cold World Era |
| 2 | The end of bipolarity |
| 3 | U.S Hegemony in the World Politics |

- | | |
|---|------------------------------------|
| 4 | Alternatives Centres of Power |
| 5 | Contemporary South Asia |
| 6 | International Organizations |
| 7 | Security in the Contemporary World |
| 8 | Environment and Natural Resources |
| 9 | Globalization |

BOOK-II Politics In INDIA Since Independence

| Chapter | Name of the Chapter |
|---------|---------------------------------|
| 10 | Challenges of Nation Building |
| 11 | Era of One Party Dominance |
| 12 | Politics of Planned Development |

FINE ARTS

THE RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING.

(A). The Rajasthani School:-

- (1). Origin And Development
- (2). Sub - School:- Mewar , Bundi, Jodhpur, Kishangarh and Jaipur.
- (3). Main feature of Rajasthsani School.
- (4). Study of the Following Rajasthani Painting.

Title:-

- (a). Maru – Ragini
- (b). Raja Aniruddh Singh Hara
- (c). Chaugan Players
- (d). Krishna on Swings
- (e). Radha (Bani thani)
- (f). Bharat meets Rama at Chitrakut.

(B). The Pahari School:-

- (1). Origin and Development
- (2). Sub – School –Basohli , Guler , Kangra , Chamba , Garwal.
- (3). Main feature of the Pahari Senool.
- (4). Study of the Following Pahari Painting.

TITLE:-

- (a). Krishna with Gopis
- (b). Bharat Worshipping Charan Paduka . Paduka Of Rama
- (c). Casmic Dance of Shiva
- (d). Nand , Yashoda and Krishna with Kinsmen going to Vrindavan
- (e). Radha and Krishna looking into a mirror.

THE MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING

The Mughal:-

- (1). Origin and Development
- (2). Main feature of the Mughal School
- (3). Study of the Following Mughal Paintings.

TITLE:-

- (a). Krishna Lifting Mount5 Goverdhna
- (b). Babur Crossing the River Sona
- (c). Jahangir holding the picture of Madona
- (d). Felcon on Bird Rest
- (e). Kabir and Raidas
- (f). Marriage Procession of Dara Shikoh.

THE DECCAN SCHOOL:-

TITLE:-

- (a). Ragini Pathamsika
- (b). Sultan Abdulla Qutb Shah
- (c). Hazrat Nizamuddin Aaliya and Amrikusro
- (d). Dancers
- (e). Chand Bibi Playing Polo (Chaugan)

THE INDIAN NATIONAL FLAG AND THE BANGAL SCHOOL OF PAINTING

- (i). Tiller of Soil – Nand Lal Bose.
- (ii). Arjun Detach from War – Sharda Chara Ukil.

PHYSICAL EDUCATION

| Chapter | Name of the Chapter |
|---------|--|
| 1 | Planning in Sports |
| 2 | Sports and Nutrition |
| 3 | Yoga and Lifestyle |
| 4 | Physical Education Sports for Differntly-Abied |

- 5 Children and Sports
- 6 Women and Sports
- 7 Test of Measurement in Sports
- 8 Physiology and Sports

Term-Second

ENGLISH

Flamingo :

L8 : Going Places

Poetry :

P 6 : Aunt Jennifer's Tigers

Vistas :

- L 5 : Should Wizard Hit Mommy?
- L 6 : On the Face of It
- L 7 : Evan Tries an 'O' Level
- L 8 : Memories of Childhood

Writing Skill & Grammar

- Letters of Placing Orders and Sending Replies
- Letter to Editor
- Application to Principal and School Authority
- Application for job with CV
- Debate, Speech, Report

Reading : Unseen Passages and Poem
: Passage for Notemaking and Summary

Novel : The Invisible Man (Lesson - 15 to 28)

MATHS

| S.No. | Name of the Chapter |
|-------|------------------------|
| 9 | Differential Equations |
| 10 | Vectors |
| 11 | 3-Dimension Geometry |
| 12 | Linear Programming |
| 13 | Probability |

All the Chapter of first & the second term will be asked in Pre-Board Exams.

PHYSICS

| S.No. | Unit No. | Name of the Chapter |
|-------|----------|---------------------------------------|
| 1 | 8 | Semiconductors and Electronic Devices |
| 2 | 9 | Communication Systems |
| 3 | 10 | Dual Nature |

CHEMISTRY

| S.No. | Unit No. | Name of the Chapter |
|-------|----------|--|
| 1 | 5 | Surface Chemistry |
| 2 | 6 | General Principles & Isolation of Elements |
| 3 | 7 | p-Block Elements |
| 4 | 8 | d & f Block Elements |
| 5 | 9 | CO- Ordination Chemistry |
| 6 | 15 | Polymers |
| 7 | 16 | Chemistry in Everyday Life |

BIOLOGY

Unit - VI

| S.No. | Chapter | Name of the Chapter |
|-------|---------|-----------------------------|
| 1 | L-13 | Organisms & Populations |
| 2 | L-14 | Ecosystem |
| 3 | L-15 | Biodiversity & Conservation |
| 4 | L-16 | Environmental Issues |

COMPUTER SCIENCE

| Chapter No. | Name of the Chapter |
|-------------|----------------------------------|
| 9. | Arrays |
| 10. | Linked List, Stacks & Queues |
| 13. | Boolean Algebra |
| 14. | Communication Network & Concept. |

INFORMATICS PRACTICES

| Chapter No. | Name of the Chapter |
|-------------|----------------------------------|
| 8. | Database Connectivity to MySQL |
| 9. | Web Application Development |
| 10. | HTML -I Basic HTML Elements |
| 11. | HTML - II Lists, Tables & Forms |
| 12. | XML - eXtensible Markup Language |
| 17. | IT Applications |

ACCOUNTANCY

| Chapter No. | Name of the Chapter |
|-------------|---|
| 1. | Company Account – Issue of Share |
| 2. | Company Account – Issue of Debenture |
| 3. | Company Account – Redemption of Debenture |

BUSINESS STUDIES

| Chapter No. | Name of the Chapter |
|---------------------|--|
| 9. | Financial Management |
| 10. | Financial Market |
| 11. | Marketing Management |
| 12. | Consumer Protection |
| Project Work | Business Environment, Financial Market, Marketing Environment |

ECONOMICS

| S.No. | Chapter | Name of the Chapter |
|-------|---------|---|
| 1. | 5 | National Income and related Aggregates |
| 2. | 6 | Money and Banking |
| 3. | 7 | determination of Income and Employment. |

HINDI

अंतराल – II, काव्यखंड

कवि कविता

| | |
|--------------------|---------------|
| रघुवीर सहाय | (क) तोड़ो |
| | (ख) बसंत आया |
| मलिक मुहम्मद जायसी | (क) बारह मासा |
| विद्यापति | (क) पद |
| केशव दास | (क) कवित्त |
| | (ख) सवैय्या |
| घनानंद | (क) कवित्त |
| | (ख) सवैय्या |

अंतराल – II, गद्यखंड

लेखक पाठ

| | |
|-----------------------|-----------------------|
| निर्मल वर्मा | जहाँ कोई वापसी नहीं |
| राम विलास शर्मा | यथास्मै रोचते विश्वम् |
| ममता कालिया | दूसरा देवदास |
| हजारी प्रसाद द्विवेदी | कुटज |

अंतराल – II

विस्कोहर की माटी
अपना मालवा खाऊ उजाड़ु सभ्यता में

अभिव्यक्ति और माध्यम:-

- कैसे बनती है कविता
- नाटक लिखने का व्याकरण
- रेडियो नाटक
- नए एवं अप्रत्याशित विषयों पर लेखन
- कैसे लिखें कहानी,
- कैसे करें कहानी का नाट्यरूपांतरण
- अपठित बोध: – गद्यांश, पद्यांश, पत्र, निबंध

HISTORY

| Chapter No. | Name of the Chapter |
|-------------|---|
| 13 | Mahatma Gandhi and the Nationalist Movement |
| 14 | Understanding Partition |
| 15 | Framing the constitution |

GEOGRAPHY

BOOK II India- People and Economy :

| Chapter No. | Name of the Chapter |
|-------------|---|
| 5 | Land Use and Agriculture |
| 6 | Water Resource |
| 7 | Minerals & energy Resources |
| 8 | Manufacturing Industries |
| 9 | Planning and Sustainable Development |
| 10 | Transport and Communication |
| 11 | International Trade |
| 12 | Environment problems : Selected Issues and Perspectives |

POLITICAL SCIENCE

PART-B BUSINESS FINANCE AND MARKETING

| Chapter | Name of the Chapter |
|---------|--|
| 13 | India's External Relations |
| 14 | Challenges to the Congress System |
| 15 | Crisis of Democratic Order |
| 16 | Popular Movement in India |
| 17 | Regional Aspirations |
| 18 | Recent Developments In India Politics. |

BOOK-II Politics In India Since Independence

| Chapter | Name of the Chapter |
|---------|---------------------------------|
| 19 | Challenges of Nation Building |
| 20 | Era of One Party Dominance |
| 21 | Politics of Planned Development |

FINE ARTS

THE BANGAL SCHOOL OF PAINTING

- (A). New Era in the Indian Art – an Introduction
- (B). Study of the Following Painting
 - (1). Rama Vanquishing the Pride of Ocean.
 - (B). Evolution of Indian National Flag – First 1906 , 2nd - 1921
Final stage 1947 – study of Form and Colour Scene

INTRODUCTION OF THE BANGAL SCHOOL OF PAINTING

- (i). Origin and Development of the Bangal school Of Painting
- (ii). Main Feature of the Bangal School of Painting
- (iii). Contribution of Indian Artist in the Struggle for National Freedom Movement.

STUDY OF THE FOLLOWING PAINTING OF THE BANGAL SCHOOL

- (1). Journeys End
- (2). Tiller of the Soil
- (3). Rasa Leela
- (4). Radhika
- (5). Meghdoot

MODERN TRENDS IN INDIAN ART

- (1). Study of the Following Work of Contemporary (Modern) Indian Art

PAINTINGS

- (1). Magician
- (2). Mother and Child
- (3). Three Girl
- (4). Mother Teresa
- (5). Gossip
- (6). Untitled
- (7). The Vulture
- (8). Woods of Symbol
- (9). Arjun Detaen Tram War

GRAPHICS

- (1). Whirl pool
- (2). Children
- (3). Devi

- (4). Of Walls
- (5). Man. Women and Tree

SCULPTURES

- (1). Triumph Of Labour
- (2). Santhal Family
- (3). Cries Unheard
- (4). Ganesha
- (5). Chaturmalchi
- (6). Vanshri

PHYSICAL EDUCATION

| Chapter | Name of the Chapter |
|---------|--------------------------------------|
| 9 | Sports Medicine |
| 10 | Kinesiology, Biomechanics and Sports |
| 11 | Psychology and Sports |
| 12 | Training in Sports |