

SYLLABUS 2019-20

CLASS 11

ENGLISH

UNIT-1

LITERATURE

1. THE PORTRAIT OF A LADY
2. A PHOTOGRAPH (POEM)
3. THE SUMMER OF THE BEAUTIFUL WHITE HORSE
4. WE'RE NOT AFRAID TO DIE-IF WE CAN ALL BE TOGETHER
5. LABURNUM TOP (POEM)
6. THE ADDRESS

LANGUAGE:

- 1) BUSINESS LETTER - PLACING AN ORDER
- 2) ARTICLE WRITING
- 3) ADVERTISEMENT: SITUATION WANTED AND VACANT
- 4) INTEGRATED GRAMMAR EXERCISES

HALF-YEARLY EXAM

LITERATURE

1. RANGA'S MARRIAGE
2. THE VOICE OF THE RAIN (POEM)
3. ALBERT EINSTEIN AT SCHOOL

LANGUAGE

1. ADVERTISEMENT: PURCHASE AND SALE OF PROPERTY
2. SPEECH WRITING
3. NOTE MAKING
4. BUSINESS LETTER: LETTER OF COMPLAINT
5. INTEGRATED GRAMMAR EXERCISES

UNIT-II

LITERATURE

1. THE BROWNING VERSION

2. FATHER TO SON (POEM)

3. LANDSCAPE OF THE SOUL

4. CHILDHOOD(POEM)

5. BIRTH

6. MOTHER'S DAY

LANGUAGE

1. NOTICE WRITING

2. BUSINESS LETTER :A) LETTER OF ENQUIRY

B) LETTER OF CANCELLATION

3. ADVERTISEMENT: SALE AND PURCHASE OF GOODS AND VEHICLES

4. INTEGRATED GRAMMAR EXERCISES

ANNUAL

LITERATURE

1. DISCOVERING TUT: THE SAGA CONTINUES

2. THE TALE OF MELON CITY (POEM)

3. SILK ROAD

4. THE ADVENTURE

5. THE AILING PLANET: THE GREEN MOVEMENT'S ROLE

6. THE LAST LESSON

7. MY MOTHER AT SIXTY-SIX (POEM)

8. LOST SPRING

ENTIRE SYLLABUS

PHYSICS

UNIT I:

THEORY:

CH 1. UNIT AND MEASUREMENTS.

CH 2. MOTION IN A STRAIGHT LINE.

CH 3. MOTION IN A PLANE.

PRACTICAL:

- A. TO MEASURE THE DIAMETER OF SPHERICAL/ CYLINDRICAL BODY USING VERNIER CALLIPERS
- B. TO MEASURE DIAMETER OF A GIVEN WIRE USING SCREW GAUGE.
- C. TO MEASURE INTERNAL DIAMETER AND DEPTH OF A GIVEN BEAKER USING VERNIER CALLIPERS AND HENCE FIND ITS VOLUME.

HALF YEARLY:

THEORY:

CH 4. LAWS OF MOTION.

CH 5. WORK POWER AND ENERGY

CH 6. MOTION OF SYSTEM OF PARTICLES AND RIGID BODIES (AND ENTIRE SYLLABUS OF UNIT 1)

PRACTICAL:

- a. TO FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS.
- b. USING A SIMPLE PENDULUM PLOT IT'S $L-T^2$ GRAPH AND USE IT TO FIND THE EFFECTIVE LENGTH OF SECOND'S PENDULUM.

UNIT II:

THEORY:

CH 7. GRAVITATION

CH 8. MECHANICAL PROPERTIES OF SOLID

CH 9. MECHANICAL PROPERTIES OF FLUID.

CH 10. THERMAL PROPERTIES OF MATTER

PRACTICAL:

- a. TO DETERMINE YOUNG'S MODULUS OF ELASTICITY OF THE MATERIAL OF A GIVEN WIRE.
- b. TO DETERMINE THE ANGLE OF MINIMUM DEVIATION FOR A GIVEN PRISM BY PLOTTING A GRAPH BETWEEN ANGLE OF INCIDENCE AND ANGLE OF DEVIATION.

ANNUAL:

THEORY:

CH 11. BEHAVIOR OF PERFECT GAS AND KINETIC THEORY.

CH 12. THERMODYNAMICS

CH 13. OSCILLATION.

CH 14. WAVE MOTION.

CH 15. RAY OPTICS.

AND (ENTIRE THEORY SYLLABUS OF UNIT I, HALF YEARLY AND UNIT II).

PRACTICAL:

A. ENTIRE PRACTICAL SYLLABUS OF UNIT I, HALF YEARLY AND UNIT II ASSESSMENT.

CHEMISTRY

UNIT I:

THEORY:

- A. SOME BASIC CONCEPTS OF CHEMISTRY.
- B. STRUCTURE OF ATOMS.
- C. CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES.

PRACTICAL:

- A. DETERMINATION OF MELTING POINT OF AN ORGANIC COMPOUND.
- B. DETECTION OF ACIDIC & BASIC RADICAL FROM THE GIVEN SAMPLE.

HALF YEARLY:

THEORY:

- A. CHEMICAL BONDING AND MOLECULAR STRUCTURE.
- B. S-BLOCK ELEMENTS.
- C. HYDROGEN

AND (ENTIRE THEORY SYLLABUS OF UNIT I ASSESSMENT).

PRACTICAL:

- A. DETERMINATION OF STRENGTH OF GIVEN NAOH SOLUTION BY TITRATING IT AGAINST STANDARD OXALIC ACID SOLUTION.
- B. DETECTION OF ACIDIC AND BASIC RADICAL FROM GIVEN SAMPLE.

UNIT II:

THEORY:

- A. P-BLOCK ELEMENTS.
- B. ORGANIC CHEMISTRY- SOME BASIC PRINCIPLES AND TECHNIQUES.
- C. HYDROCARBONS.
- D. THERMODYNAMICS.

PRACTICAL:

- A. DETECTION OF ACIDIC AND BASIC RADICAL FROM GIVEN SAMPLE.

ANNUAL

THEORY:

- A. STATES OF MATTER- GASEOUS AND LIQUID.
- B. EQUILIBRIUM.
- C. REDOX REACTIONS.
- D. ENVIRONMENTAL CHEMISTRY.

AND (ENTIRE THEORY SYLLABUS OF UNIT I, HALF YEARLY AND UNIT II).

PRACTICAL:

- A. ENTIRE PRACTICAL SYLLABUS OF UNIT I, HALF YEARLY AND UNIT II ASSESSMENT.
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BIOLOGY

UNIT I

THEORY

UNIT I: DIVERSITY OF LIVING ORGANISM

THE LIVING WORLD

BIOLOGICAL CLASSIFICATION

PLANT KINGDOM

ANIMAL KINGDOM

UNIT II: STRUCTURAL ORGANIZATION IN ANIMALS AND PLANTS

MORPHOLOGY OF FLOWERING PLANTS

ANATOMY OF FLOWERING PLANTS (TILL DONE)

PRACTICAL

CORE EXPERIMENTS

1. STUDY OF OSMOSIS BY POTATO OSMOMETER.

2. TO STUDY AND DESCRIBE THREE LOCALLY AVAILABLE COMMON FLOWERING PLANTS, ONE FROM EACH OF THE FAMILIES FABACEAE, SOLANACEAE, LILIACEAE INCLUDING DISSECTION AND DISPLAY OF FLORAL WHORLS AND ANTHOR AND OVARY TO SHOW NUMBER OF CHAMBERS, VENATION, SIMPLE AND COMPOUND. *CLITORIA TERNATEA*

SPOTTING EXPERIMENTS

1. STUDY OF PARTS OF A COMPOUND MICROSCOPE

2. STUDY OF THE SPECIMENS/SLIDES/MODELS AND IDENTIFICATION WITH REASONS BACTERIA, OSCILLATORIA, SPIROGYRA, RHIZOPUS, MUSHROOM, YEAST, LIVERWORT, MOSS, FERN, PINE, ONE MONOCOTYLEDONOUS PLANT AND ONE DICOTYLEDONOUS PLANT AND ONE LICHEN

3. STUDY OF SPECIMENS/SLIDES/MODELS AND IDENTIFICATION WITH REASONS - AMOEBA, HYDRA, LIVERFLUKE, ASCARIS, LEECH, EARTHWORM, PRAWN, SILKWORM, HONEYBEE, SNAIL, STARFISH, SHARK, ROHU, FROG, LIZARD, PIGEON AND RABBIT.

4. STUDY OF DIFFERENT MODIFICATIONS IN ROOT, STEM AND LEAVES

HALF YEARLY

THEORY

UNIT II: STRUCTURAL ORGANIZATION IN ANIMALS AND PLANTS

ANATOMY OF FLOWERING PLANTS

STRUCTURAL ORGANIZATION IN ANIMALS

UNIT III: CELL STRUCTURE AND FUNCTION

CELL : THE UNIT OF LIFE

BIOMOLECULES,

PRACTICAL

CORE EXPERIMENT

3. PREPARATION AND STUDY OF T.S. OF DICOT AND MONOCOT ROOT AND STEM.

4. STUDY OF PLASMOLYSIS AND DEPLASMOLYSIS IN EPIDERMAL PEELS (E.G. RHOEO LEAVES)

SPOTTING EXPERIMENT

5. STUDY OF TISSUES AND DIVERSITY IN SHAPES AND SIZES OF PLANT CELLS

(PALISADE CELLS, GUARD CELLS, PARENCHYMA, COLLENCHYMA, SCLERENCHYMA, XYLEM AND PHLOEM.

6. STUDY OF TISSUES AND DIVERSITY IN SHAPES AND SIZES OF ANIMAL CELLS (SQUAMOUS EPITHELIUM, MUSCLE FIBERS AND MAMMALIAN BLOOD SMEAR) THROUGH TEMPORARY/PERMANENT SLIDES

7. STUDY AND IDENTIFICATION OF DIFFERENT TYPES OF INFLORESCENCE (CYMOSE AND RACEMOSE)

UNIT II

THEORY

UNIT III: CELL STRUCTURE AND FUNCTION,

CELL CYCLE AND CELL DIVISION

UNIT IV: PLANT PHYSIOLOGY

TRANSPORT IN PLANTS

MINERAL NUTRITION

PHOTOSYNTHESIS

RESPIRATION

PLANT GROWTH AND DEVELOPMENT

PRACTICAL

CORE EXPERIMENT

5. STUDY OF DISTRIBUTION OF STOMATA IN THE UPPER AND LOWER SURFACE OF LEAVES.

6. TO COMPARE THE RATE OF TRANSPIRATION FROM THE UPPER AND LOWER SURFACE OF THE LEAF .

7. TEST FOR THE PRESENCE OF SUGAR, STARCH, PROTEINS AND FATS. TO DETECT THESE IN SUITABLE PLANT AND ANIMAL MATERIALS

8. SEPARATION OF PLANT PIGMENTS THROUGH PAPER CHROMATOGRAPHY.

9. TO STUDY THE RATE OF RESPIRATION IN FLOWER BUDS/LEAF TISSUE AND GERMINATING SEEDS

SPOTTING EXPERIMENT

8. STUDY OF MITOSIS IN ONION ROOT TIPS CELLS AND ANIMALS CELLS (GRASSHOPPER) FROM PERMANENT SLIDES

9. STUDY OF IMBIBITION IN SEEDS/RAISINS.

10. OBSERVATION AND COMMENTS ON THE EXPERIMENTAL SET UP FOR SHOWING: A. ANAEROBIC RESPIRATION B.

PHOTOTROPISM C. APICAL BUD REMOVAL D. SUCTION DUE TO TRANSPIRATION

INVESTIGATORY PROJECT ON A GIVEN TOPIC

ANNUAL

UNIT V: HUMAN PHYSIOLOGY

DIGESTION AND ABSORPTION

BREATHING AND RESPIRATION

BODY FLUIDS AND CIRCULATION

EXCRETORY PRODUCTS AND THEIR ELIMINATION:

LOCOMOTION AND MOVEMENT

NEURAL CONTROL AND COORDINATION

CHEMICAL COORDINATION

PRACTICAL

CORE EXPERIMENTS

10. TO STUDY AND DESCRIBE THREE LOCALLY AVAILABLE COMMON FLOWERING PLANTS, ONE FROM EACH OF THE FAMILIES FABACEAE , SOLANACEAE, LILIACEAE INCLUDING DISSECTION AND DISPLAY OF FLORAL WHORLS AND ANther AND OVARY TO SHOW NUMBER OF CHAMBERS, VENATION, SIMPLE AND COMPOUND).

FLOWERS OF *ALLIUM CEPA*

11. TO STUDY AND DESCRIBE THREE LOCALLY AVAILABLE COMMON FLOWERING PLANTS, ONE FROM EACH OF THE FAMILIES FABACEAE , SOLANACEAE, LILIACEAE INCLUDING DISSECTION AND DISPLAY OF FLORAL WHORLS AND ANther AND OVARY TO SHOW NUMBER OF CHAMBERS, VENATION, SIMPLE AND COMPOUND).

FLOWERS OF *PETUNIA ALBA*

12. URINE TEST TO DETECT THE PRESENCE OF SUGAR, ALBUMIN, UREA AND BILE SALTS IN URINE.

SPOTTING EXPERIMENTS

11. STUDY OF HUMAN SKELETON AND DIFFERENT TYPES OF JOINTS.

12. STUDY OF EXTERNAL MORPHOLOGY OF COCKROACH THROUGH SPECIMENS/MODELS

COMPUTER SCIENCE

PRE-MID TERM

1. Computer System overview
2. Data Representation
3. Boolean Logic
4. Data Handling

MID TERM

1. Python Fundamentals
2. Conditional and Iterative Statements
3. String manipulation and debugging
4. All chapters of pre midterm

POST MID TERM

1. List manipulation
2. Tuples
3. Dictionaries
4. Understanding sorting
5. Insight into program execution

ANNUAL

1. Cyber Safety, Online Access and Computer Security
2. Relational Databases
3. Simple Queries in SQL,
4. Table creation and data Manipulation Commands,

5. Table Joins and Indexes in SQL Basics of NoSQL Database-MoNGoDB
 6. All the other chapters of pre midterm, midterm, post midterm.
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MATHEMATICS

UNIT I

1. SETS AND THEIR REPRESENTATIONS
2. TRIGONOMETRIC FUNCTIONS
3. PRINCIPLE OF MATHEMATICAL INDUCTION
4. COMPLEX NUMBERS AND QUADRATIC EQUATIONS

HALF YEARLY

1. RELATIONS AND FUNCTIONS
2. STRAIGHT LINES
3. CONIC SECTION
4. LINEAR INEQUALITIES
5. INCLUDING UNIT I SYLLABUS

UNIT II

1. PERMUTATION AND COMBINATION
2. BINOMIAL THEOREM
3. SEQUENCE AND SERIES

ANNUAL

1. LIMITS AND DERIVATIVES
 2. 3D GEOMETRY
 3. PROBABILITY
 4. INCLUDING UNIT I + HALF YEARLY+ UNIT II SYLLABUS
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ACCOUNTANCY

UNIT 1

1. MEANING AND OBJECTIVES OF ACCOUNTING
2. BASIC ACCOUNTING TERMS
3. ACCOUNTING PRINCIPLES
4. PROCESS AND BASES OF ACCOUNTING
5. ACCOUNTING STANDARDS AND INTERNATIONAL FINANCIAL REPORTING STANDARDS (IFRS)
6. ACCOUNTING EQUATIONS
7. DOUBLE ENTRY SYSTEM
8. ORIGIN OF TRANSACTIONS: SOURCE DOCUMENTS OF ACCOUNTANCY
9. BOOKS OF ORIGINAL ENTRY – JOURNAL
10. ACCOUNTING FOR GOODS & SERVICE TAX (GST)

HALF YEARLY

11. LEDGER
12. TRIAL BALANCE AND ERRORS

13. BOOKS OF ORIGINAL ENTRY – CASH BOOK
14. PROJECT WORK
15. BOOKS OF ORIGINAL ENTRY – SPECIAL PURPOSE SUBSIDIARY BOOKS
16. BANK RECONCILIATION STATEMENT

UNIT 2

17. DEPRECIATION
18. PROVISIONS & RESERVES
19. BILLS OF EXCHANGE
20. RECTIFICATION OF ERRORS
21. CAPITAL AND REVENUE
22. FINANCIAL STATEMENTS

ANNUAL

23. FINANCIAL STATEMENTS – WITH ADJUSTMENTS
 24. ACCOUNTS FROM INCOMPLETE RECORDS
 25. PROJECT WORK
 26. INTRODUCTION TO COMPUTERS
 27. INTRODUCTION TO ACCOUNTING INFORMATION SYSTEM
 28. COMPUTERISED ACCOUNTING SYSTEM
 29. ACCOUNTING SOFTWARE PACKAGE : TALLY
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BUSINESS STUDIES

UNIT I

(CH1) NATURE AND PURPOSE OF BUSINESS

(CH2) FORMS OF BUSINESS ORGANISATION

HALF YEARLY

(CH3) PUBLIC, PRIVATE AND GLOBAL ENTERPRISES

(CH4) BUSINESS SERVICES

UNIT II

(CH5) EMERGING MODES OF BUSINESS

(CH6) SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS

(CH8) SOURCE OF BUSINESS FINANCE

ANNUAL

(CH9) SMALL BUSINESS

(CH10) INTERNAL TRADE

(CH11) INTERNATIONAL BUSINESS I

(CH12) INTERNATIONAL BUSINESS II

(INCLUDES ALL PREVIOUS PARTS)

ECONOMICS

UNIT I

MICROECONOMICS: 1. INTRODUCTION

2. CONSUMER'S EQUILIBRIUM AND DEMAND

STATISTICS FOR ECONOMICS:

1. INTRODUCTION

2. COLLECTION OF DATA

3. ORGANISATION OF DATA

4. PRESENTATION OF DATA

HALF-YEARLY

MICROECONOMICS: 1. PRODUCTION FUNCTION

2. COST, SUPPLY AND REVENUE

3. PRODUCER'S EQUILIBRIUM

STATISTICS FOR ECONOMICS:

1. MEASURES OF CENTRAL TENDENCY (ARITHMETIC MEAN, MEDIAN AND MODE)

2. MEASURES OF DISPERSION (RANGE AND QUARTILE DEVIATION)

(INCLUDING UNIT I SYLLABUS)

UNIT II

MICROECONOMICS: 1. FORMS OF MARKET

STATISTICS FOR ECONOMICS:

1. MEASURES OF DISPERSION (MEAN DEVIATION AND STANDARD DEVIATION)

2. CORRELATION

(INCLUDING HALF-YEARLY SYLLABUS)

ANNUAL

MACROECONOMICS: 1. NATIONAL INCOME AND RELATED AGGREGATES

STATISTICS FOR ECONOMICS:

1. INDEX NUMBERS

ECONOMIC DEVELOPMENT

1. INDIAN ECONOMIC DEVELOPMENT TILL 1991

(INCLUDING UNIT II SYLLABUS)

SYLLABUS BREAK-UP IS PROPOSED AND IS SUBJECT TO CHANGES.

ENTREPRENEURSHIP

UNIT I

CHAPTER 1 –ENTREPRENEURSHIP: CONCEPT AND FUNCTION

CHAPTER 2 –AN ENTREPRENEUR

HALF YEARLY EXAMINATION

CHAPTER 3-ENTREPRENEURIAL JOURNEY

CHAPTER 4 –ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING (HALF)

UNIT II

CHAPTER 4-ENREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING

CHAPTER 5 –CONCEPT OF MARKET

ANNUAL EXAMINATION

CHAPTER 6-BUSINESS FINANCE AND ARITHMETIC

CHAPTER 7-RESOURCE MOBILIZATION

LEGAL STUDIES

UNIT I

UNIT – I

1. CONCEPT OF STATE AND NATION
2. ORGANS OF GOVERNMENT
3. SEPARATION OF POWERS

HALF YEARLY

UNIT – I

4. BASIC FEATURES OF THE CONSTITUTION OF INDIA

UNIT - II

1. NATURE AND MEANING OF LAW
2. CLASSIFICATION OF LAW

UNIT II

UNIT - II

3. SOURCES OF LAW
4. LAW REFORM

UNIT – III

1. ANCIENT INDIAN LAW
2. ADMINISTRATION OF JUSTICE IN BRITISH INDIA
3. MAKING OF THE INDIAN CONSTITUTION

ANNUAL EXAMINATION

UNIT – IV

1. JUDICIARY: CONSTITUTIONAL, CIVIL AND CRIMINAL COURTS AND PROCESSES

UNIT – V

1. FAMILY JUSTICE SYSTEM
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GEOGRAPHY

UNIT I

PART A : FUNDAMENTALS OF PHYSICAL GEOGRAPHY.

1. GEOGRAPHY AS A DISCIPLINE
2. INTERIOR OF THE EARTH
3. DISTRIBUTION OF OCEANS AND CONTINENTS
4. ROCKS

PART B : INDIA-PHYSICAL ENVIRONMENT

1. INDIA-LOCATION
2. STRUCTURE AND PHYSIOGRAPHY
3. MAP WORK: INDIA- PHYSICAL FEATURES, STATES AND NEIGHBOURING COUNTRIES

PART C : PRACTICAL WORK IN GEOGRAPHY

1. A) MAP SCALE –A) CONVERSION OF SCALE
B) CONSTRUCTION OF GRAPHICAL SCALE
B) MAP PROJECTION – A) CONICAL PROJECTION WITH ONE STANDARD PARALLEL
B) CYLINDRICAL EQUAL AREA PROJECTION

HALF YEARLY

PART A : FUNDAMENTALS OF PHYSICAL GEOGRAPHY.

1. GEOMORPHIC PROCESSES
2. LANDFORMS AND THEIR EVOLUTION
3. COMPOSITION AND STRUCTURE OF ATMOSPHERE

PART B : INDIA-PHYSICAL ENVIRONMENT

1. DRAINAGE SYSTEM
2. CLIMATE
3. MAP WORK: INDIA-PHYSICAL FEATURES-DRAINAGE

PART C : PRACTICAL WORK IN GEOGRAPHY

1. TOPOGRAPHICAL MAPS
2. LATITUDE LONGITUDE AND TIME

UNIT II

1. SOLAR RADIATION, HEAT BUDGET AND TEMPERATURE
2. ATMOSPHERIC CIRCULATION AND WEATHER SYSTEM
3. WATER IN THE ATMOSPHERE

PART B : INDIA-PHYSICAL ENVIRONMENT

1. NATURAL VEGETATION
2. SOIL

PART C : PRACTICAL WORK IN GEOGRAPHY

1. TOPOGRAPHICAL MAPS
2. WEATHER INSTRUMENTS AND WEATHER MAPS

ANNUAL

PART A : FUNDAMENTALS OF HUMAN GEOGRAPHY.

1. HUMAN GEOGRAPHY: NATURE AND SCOPE
2. WORLD POPULATION DISTRIBUTION
3. POPULATION COMPOSITION
4. HUMAN DEVELOPMENT
5. HUMAN SETTLEMENTS

UNIT I, HALF YEARLY AND UNIT II SYLLABUS TO BE INCLUDED IN THE ANNUALS

PSYCHOLOGY

UNIT 1:

THEORY:

- ◆ CH 1: INTRODUCTION TO PSYCHOLOGY
- ◆ CH 7: HUMAN MEMORY
- ◆ CH 9: MOTIVATION AND EMOTION (TILL DONE)

PRACTICAL:

- ◆ EXP 1: DETERMINATION OF MEMORY SPAN USING DIGITS AND NON SENSE SYLLABLES

HALF YEARLY

THEORY:

- ◆ CH 9 : MOTIVATION AND EMOTION (FULL CHAPTER)
- ◆ CH 6: LEARNING

PRACTICAL:

- ◆ EXP 2: DETERMINATION OF MEMORY SPAN VARYING THE MODE OF PRESENTATION OF THE STIMULI.

+ THE FULL SYLLABUS (THEORY AND PRACTICAL) OF UNIT 1 TO BE INCLUDED.

UNIT 2

THEORY:

- ◆ CH 3: BIOLOGICAL BASIS OF BEHAVIOR
- ◆ CH 2: METHODS OF ENQUIRY IN PSYCHOLOGY
- ◆ CH 8: THINKING

PRACTICAL:

- ◆ EXP 3: DETERMINATION OF THE EFFECT OF MEANINGFULNESS OF THE MATERIAL ON THE LEARNING CAPACITY OF THE SUBJECT

ANNUAL:

THEORY:

- ◆ CH 4: HUMAN DEVELOPMENT
- ◆ CH 5: SENSATION, ATTENTION AND PERCEPTUAL PROCESSES
- ◆ CH 3: MEETING LIFE'S CHALLENGES (CLASS XII)

PRACTICAL:

- ◆ EXP 4: TO STUDY THE STROOP EFFECT ON THE REACTION TIME OF THE SUBJECT.
- ◆ EXP 5: DETERMINATION THE EFFECT OF WHOLE V/S PART METHOD ON THE MEMORIZATION CAPACITY OF THE SUBJECT.
- ◆ THE ENTIRE THEORY AND PRACTICAL SYLLABUS TO BE INCLUDED

HISTORY

UNIT I

1. FROM THE BEGINNING OF THE TIME
2. WRITING AND THE CITY LIFE
3. AN EMPIRE ACROSS THREE CONTINENTS

HALF YEARLY

4. THE CENTRAL ISLAMIC LANDS
 5. NOMADIC EMPIRES
 6. THE THREE ORDERS
- ALL THE CHAPTERS OF UNIT –I

UNIT II

7. CHANGING CULTURAL TRADITIONS
8. CONFRONTATION OF CULTURES
9. INDUSTRIAL REVOLUTION

ANNUAL

10. DISPLACING INDIGENOUS PEOPLE
 11. PATHS TO MODERNISATION
 12. BRICKS ,BEADS AND BONES(CLASS-XII)
 13. KINGS, FARMERS AND TOWNS (CLASS-XII)
 14. ,KINSHIP ,CASTE AND CLASS (CLASS-XII)
- FEW CHAPTERS FROM HALF-YEARLY

HOME SCIENCE

UNIT 1

UNDERSTANDING ONESELF.....DVELOPEMENT AND CHARACTERISTICS OF SELF

INFLUENCE ON IDENTITY FORMATION

BIOLOGICAL AND PHYSICAL CHANGES

BALANCED DIET, FOOD GROUPS, DIET FOR ADOLESCENCE

UNDERSTANDING FAMILY..... FAMILY AND COMMUNITY

SOCIAL MENTAL AND PHYSICAL HEALTH

CHILDHOOD STAGES AND GROWTH OF DEVELOPMENT

MEAL PLANNING FOR INFANTS

IMMUNIZATION

ADULTHOOD

PARAMETERS OF AHEALTHY PERSON

PRACTICAL

DIET FOR ADOLESCENCE, DIET FOR INFANTS

HALF YEARLY

UNDERSTANDING FAMILY SCHOOL PEERS AND EDUCATORS

AND COMMUNITY

CHILDHOOD

COGNITIVE AND LANGUAGE DEVELOPMENT

PLANNING AND BALANCED MEAL FOR 1 TO 6 YEARS

UNDERSTANDING ONESELF

FABRIC AROUND US – CLASSIFICATION OF FIBRES

PRACTICAL

PLANNING MEAL FOR 1 TO 6 YEAR OLD CHILDREN

IDENTIFICATION OF FIBRES (COTTON AND SILK)

(HALF YEARLY EXAMINATION WILL ALSO INCLUDE ALL THE TOPICS FROM UNIT 1 FOR BOTH THEORY AND PRACTICAL)

UNIT 2

UNDERSTANDING FAMILY

INDICATORS OF HEALTH

AND COMMUNITY

OVER UNDER AND MALNUTRITION

HYGIENE AND SANITATION

CHILDHOOD

PLANNING DIET FOR SCHOOL GOING CHILD(7 TO 12 YEARS)

FUNCTIONS AND SELECTION OF CLOTHES FOR CHILDREN

UNDERSTANDING ONESELF

EATING DISORDERS OF ADOLESCENCE

MANAGING RESOURCES

ADULTHOOD

TYPES OF FAMILY INCOME

CARE OF MAINTENANCE OF FABRICS (STAIN REMOVAL)

PRACTICAL

PLANNING A DAY'S MENU FOR SCHOOL GOING CHILDREN (7 TO 12 YEARS)

REMOVAL OF STAINS

ANNUAL

UNDERSTANDING ONESELF

COGNITIVE CHANGES OF ADOLESCENCE

UNDERSTANDING FAMILY

TIME AND SPACE MANAGEMENT AND COMMUNITY

ADULTHOOD

FAMILY BUDGET

SAVINGS AND INVESTMENT

STUDY OF LABELS FOR CONSUMER PRODUCTS

PRACTICAL

MAKING OF FAMILY BUDGET

MAKING OF LABEL FOR CONSUMER PRODUCTS

(ANNUAL EXAMINATION WILL ALSO INCLUDE ALL THE TOPICS FROM UNIT 1, HALF YEARLY AND UNIT 2 FOR BOTH THEORY AND PRACTICAL)

POLITICAL SCIENCE

UNIT 1

POLITICAL THEORY (BOOK 1)

1. POLITICAL THEORY: INTRODUCTION
2. FREEDOM
3. EQUALITY

INDIAN CONSTITUTION AT WORK (BOOK 2)

1. CONSTITUTION: MAKING
2. FUNDAMENTAL RIGHTS
3. ELECTION AND REPRESENTATION

HALF YEARLY

POLITICAL THEORY (BOOK 1)

4. SOCIAL JUSTICE
5. RIGHTS

INDIAN CONSTITUTION AT WORK (BOOK 2)

4. EXECUTIVE
5. LEGISLATURE

UNIT 2

POLITICAL THEORY (BOOK 1)

6. CITIZENSHIP
7. NATIONALISM
8. SECULARISM

INDIAN CONSTITUTION AT WORK (BOOK 2)

6. JUDICIARY
7. FEDERALISM

ANNUAL EXAMINATION

POLITICAL THEORY (BOOK 1)

9. PEACE
10. DEVELOPMENT

INDIAN CONSTITUTION AT WORK (BOOK 2)

8. LOCAL GOVERNMENT
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HINDI

UNIT I:

1. आरोग्य- नमक का दारोगा
2. मियाँ नसीरुद्दीन
3. हम तौ एक-एक करि जाना
4. संतों देखत जग बौराना
5. वितान-भारतीय गायिकाओं में बेजोड़: लता मंगेशकर
6. अभिव्यक्ति और माध्यम-जनसंचार माध्यम, प्रतिवेदन, प्रेस, स्वतंत्र लेखन
7. अपठित गद्यांश, काव्यांश, पत्र, अनुच्छेद

HALF YEARLY:

1. आरोग्य-विदाई संभाषण

2.गलता लोहा

3.मेरे तो गिरधर गोपाल

4.पग घुंघरू बांधि मीरा नाची

5.वे आँखे

6.घर की याद

7.वितान-राजस्थान की रजत बूँदे

8.अभिव्यक्ति और माध्यम-पत्रकारिता के विविध आयाम, विज्ञप्ति,परिपत्र,कार्यसूची

9.अपठित गद्यांश,काव्यांश, अनुच्छेद,पत्र

UNIT II

1.आरोह-रजनी

2.जामुन का पेड़

3.चंपा काले अक्षर नहीं चीन्हती

4.गजल

5.वितान-डायरी के पन्ने

6.अभिव्यक्ति और माध्यम-पत्रकारिता के विविध आयाम,कार्यवृत्त

7.अपठित गद्यांश,काव्यांश, अनुच्छेद,पत्र

ANNUAL

1.आरोह-भारत माता

2.काले मेघा पानी दे

3.हे भूख!मत मचल ,हे मेरी जूही के फूल

4.आओ,मिलकर बचाएँ

5.वितान-आलो आंधारी

6. अभिव्यक्ति और माध्यम- दोहराव, शब्दकोश देखने की विधि

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BENGALI

UNIT-I

- 1.গদ্য- তেলেনাপোতা আবিষ্কার
- 2.পদ্য- বাড়ির কাছে আরশিনগর
- 3.নাটক- গুরু (PG ৯৬-১০৩)
- 4.সহায়ক- গল্পগুচ্ছ
- 5.ব্যাকরণ- বাক্য পরিবর্তন (সরল, জটিল, যৌগিক), বাগধারা (১০)
- 6.লিখন- সারাংশ
- 7.বোধপরীক্ষণ

HALF YEARLY

- 1.গদ্য- গ্যালিলিও
- 2.পদ্য- নুন
- 3.নাটক- গুরু (PG ১০৩-১১৭)
- 4.সহায়ক- গল্পগুচ্ছ
- 5.ব্যাকরণ- কারক, বাগধারা (১০)
- 6.লিখন- সারাংশ, প্রতিবেদন
- 7.বোধপরীক্ষণ

UNIT II

- 1.গদ্য- ডাকাতের মা
- 2.পদ্য- শিক্ষার সার্কাস
- 3.নাটক- গুরু (PG ১১৭-১২২)
- 4.সহায়ক- গল্পগুচ্ছ
- 5.ব্যাকরণ- কারক, শব্দভাণ্ডার (তৎসম, তদ্ভব, দেশী, বিদেশী), বাগধারা (১০)
- 6.লিখন- সারাংশ, প্রতিবেদন
- 7.বোধপরীক্ষণ

ANNUAL

- 1.গদ্য- বিশাল ডানাওয়ালা খুরথুরে বুড়ো, গারো পাহাড়ের নীচে
- 2.পদ্য- দ্বীপান্তরের বন্দিনী
- 3.নাটক- গুরু (সম্পূর্ণ)
- 4.সহায়ক- গল্পগুচ্ছ
- 5.ব্যাকরণ- বাক্য পরিবর্তন, কারক, শব্দভাণ্ডার, বাগধারা (১০)
6. লিখন- সারাংশ, প্রতিবেদন
7. বোধপরীক্ষণ

PHYSICAL EDUCATION

UNIT I:

1. UNIT-I:CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION
2. UNIT-II:OLYMPIC VALUE EDUCATION EE
3. UNIT-II: PHYSICAL FITNESS, WELLNESS AND LIFESTYLE

HALF YEARLY:

4. UNIT-IV:PHYSICAL EDUCATION AND SPORTS FOR CWSN
5. UNIT-V: YOGA

UNIT II:

6. UNIT-VI: PHYSICAL ACTIVITY AND LEADERSHIP TRAINING
7. UNIT- VII: TEST, MEASUREMENT AND EVALUATION
8. EE

ANNUALS:

9. UNIT-VIII: FUNDAMENTALS OF ANATOMY, PHYSIOLOGY AND KINESIOLOGY IN SPORTS
 10. UNIT- IX: PSYCHOLOGY AND SPORTS
 11. UNIT- X: TRAINING AND DOPING IN SPORTS
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