

SYLLABUS FOR THE ACADEMIC SESSION 2023-24 CLASS-XI SCIENCE

ENGLISH

UT- 1

HORNBILL CH1 - THE PORTRAIT OF A LADY,

POEM - A PHOTOGRAPH

SNAPSHOT CH1- THE SUMMER OF THE BEAUTIFUL WHITE HORSE

GRAMMAR EDITING AND OMISSION

WRITING SKILLS ADVERTISEMENT

UT – 2(A)

HORNBILL CH 2 - WE ARE NOT AFRAID TO DIE,

POEM THE LABURNUM TOP,

SNAPSHOT CH 2 - THE ADDRESS

GRAMMAR GAP FILLING, REORDERING

WRITING SKILLS SPEECH

UT – 2(B)

HORNBILL CH 3- DISCOVERING TUT: THE SAGA CONTINUES

POEM -THE VOICE OF THE RAIN

SNAPSHOT CH 3 - MOTHER’S DAY

GRAMMAR EDITING & OMISSION

WRITING SKILLS POSTER

TERM – 1

HORNBILL CH1 - THE PORTRAIT OF A LADY

CH2 - WE ARE NOT AFRAID TO DIE

CH 3- DISCOVERING TUT: THE SAGA CONTINUES

POEM - A PHOTOGRAPH,

THE LABURNUM TOP,

THE VOICE OF THE RAIN

SNAPSHOT CH1- THE SUMMER OF THE BEAUTIFUL WHITE HORSE

CH2 - THE ADDRESS

CH-3 - MOTHER’S DAY

GRAMMAR REORDERING, TENSES, EDITING & OMISSION

INTEGRATED GRAMMAR

WRITING SKILLS ADVERTISEMENT, SPEECH, POSTER

READING FACTUAL AND CASE BASED COMPREHENSION,

PASSAGE NOTE MAKING AND SUMMARIZING

UT- 3

HORNBILL CH4 - THE ADVENTURE

POEM- CHILDHOOD

SNAPSHOT CH- 5 - BIRTH

GRAMMAR TRANSFORMATION OF SENTENCES

WRITING SKILLS NOTICE

UT- 4

HORNBILL CH- 6 - SILK ROAD

POEM- FATHER TO SON

SNAPSHOT CH – 5 THE TALE OF MELON CITY

GRAMMAR INTEGRATED GRAMMAR

WRITING SKILLS DEBATE

TERM – 2

HORNBILL CH1 - THE PORTRAIT OF A LADY

CH2 - WE ARE NOT AFRAID TO DIE

CH 3- DISCOVERING TUT: THE SAGA CONTINUES

CH 5 - THE ADVENTURE

CH- 6 - SILK ROAD

POEM - A PHOTOGRAPH,

THE LABURNUM TOP,

THE VOICE OF THE RAIN

CHILDHOOD

FATHER TO SON

SNAPSHOT CH1- THE SUMMER OF THE BEAUTIFUL WHITE HORSE

CH-2 - THE ADDRESS

CH-3 - MOTHER'S DAY

CH-5 - BIRTH

CH-6 - SILK ROAD

GRAMMAR REORDERING, TENSES, EDITING & OMISSION

INTEGRATED GRAMMAR, TRANSFORMATION OF SENTENCES.

WRITING SKILLS ADVERTISEMENT, SPEECH, POSTER, NOTICE, DEBATE.

READING FACTUAL AND CASE BASED COMPREHENSION,

PASSAGE NOTE MAKING AND SUMMARIZING

PHYSICS

UT-1

CHAPTER-0 MATHEMATICAL TOOLS

CHAPTER-2 UNITS AND MEASUREMENTS

UT-2 (A)

CHAPTER-3 MOTION IN A STRAIGHT LINE

CHAPTER-4 MOTION IN A PLANE

UT-2 (B)

CHAPTER-5 LAWS OF MOTION

TERM-1

CHAPTER-2 UNITS AND MEASUREMENTS

CHAPTER-3 MOTION IN A STRAIGHT LINE

CHAPTER-4 MOTION IN A PLANE

CHAPTER-5 LAWS OF MOTION

CHAPTER-6 WORK, ENERGY AND POWER

PRACTICALS

UT-3

CHAPTER-9 MECHANICAL PROPERTIES OF SOLIDS

CHAPTER-10 MECHANICAL PROPERTIES OF FLUIDS

UT-4

CHAPTER-11 THERMAL PROPERTIES OF MATTER

CHAPTER-12 THERMODYNAMICS

TERM-2

ENTIRE SYLLABUS

PRACTICALS

CHEMISTRY

UT-1

CHAPTER-1 SOME BASIC CONCEPTS OF CHEMISTRY

UT-2 (A)

CHAPTER-2 STRUCTURE OF ATOM

UT-2 (B)

CHAPTER-3 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

TERM 1

CHAPTER-1 SOME BASIC CONCEPTS OF CHEMISTRY

CHAPTER-2 STRUCTURE OF ATOM

CHAPTER-3 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

CHAPTER-4 CHEMICAL BONDING

CHAPTER-7 REDOX REACTION

PRACTICALS

UT -3

CHAPTER-5 CHEMICAL THERMODYNAMICS

CHAPTER-6 EQUILIBRIUM

UT -4

CHAPTER-8 ORGANIC CHEMISTRY SOME BASIC PRINCIPLES AND TECHNIQUES

CHAPTER-9 HYDROCARBONS

TERM 2

ENTIRE SYLLABUS

PRACTICALS

BIOLOGY

UT-1

CHAPTER-1: THE LIVING WORLD

CHAPTER-2: BIOLOGICAL CLASSIFICATION

UT-2 (A)

CHAPTER-3: PLANT KINGDOM

CHAPTER-4: ANIMAL KINGDOM

UT-2 (B)

CHAPTER-5: MORPHOLOGY OF FLOWERING PLANTS

TERM I

CHAPTER-1: THE LIVING WORLD

CHAPTER-2: BIOLOGICAL CLASSIFICATION

CHAPTER-3: PLANT KINGDOM

CHAPTER-4: ANIMAL KINGDOM

CHAPTER-5: MORPHOLOGY OF FLOWERING PLANTS

CHAPTER-7: STRUCTURAL ORGANIZATION IN ANIMALS

CHAPTER-8: CELL-THE UNIT OF LIFE

CHAPTER-9: BIOMOLECULES

PRACTICALS

UT-3

CHAPTER-13: PHOTOSYNTHESIS IN HIGHER PLANTS

CHAPTER-17: BREATHING AND EXCHANGE OF GASES

UT-4

CHAPTER-15: PLANT-GROWTH AND DEVELOPMENT

CHAPTER-18: BODY FLUIDS AND CIRCULATION

TERM II:

ENTIRE SYLLABUS EXCEPT

DELETED CHAPTERS: 11, 12 & 16

PRACTICALS

MATHEMATICS

UT-1

CHAPTER-1: SETS

CHAPTER-2: RELATIONS & FUNCTIONS

UT-2 A

CHAPTER-3: TRIGONOMETRIC FUNCTIONS

UT-2 B

CHAPTER-5: COMPLEX NUMBERS AND QUADRATIC EQUATIONS

CHAPTER-6: LINEAR INEQUALITIES

TERM I

CHAPTER-1: SETS

CHAPTER-2: RELATIONS & FUNCTIONS

CHAPTER-3: TRIGONOMETRIC FUNCTIONS

CHAPTER-5: COMPLEX NUMBERS AND QUADRATIC EQUATIONS

CHAPTER-6: LINEAR INEQUALITIES

CHAPTER-7: PERMUTATIONS AND COMBINATIONS

UT-3

CHAPTER-9: SEQUENCE AND SERIES

CHAPTER-10: STRAIGHT LINES

UT-4

CHAPTER-11: CONIC SECTIONS

CHAPTER-12: INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY

TERM 2

ENTIRE SYLLABUS

INFORMATICS PRACTICES

BOOK: CHETNA GOYAL

UT-1

CH-2 PROGRAMMING WITH PYTHON

CH-3 PYTHON BASICS

UT-2(A)

CH-1 INTRODUCTION TO COMPUTER SYSTEM

CH-4 DATA TYPES AND OPERATORS

UT-2(B)

CH-4 DATA TYPES AND OPERATORS

CH-5 CONTROL FLOW STATEMENTS

TERM- I

CH-1 INTRODUCTION TO COMPUTER SYSTEM

CH-2 PROGRAMMING WITH PYTHON

CH-3 PYTHON BASICS

CH-4 DATA TYPES AND OPERATORS

CH-5 CONTROL FLOW STATEMENTS

CH-8 DATABASE CONCEPTS

PRACTICALS

UT-3

CH-6 LIST MANIPULATION

CH-6 STRUCTURED QUERY LANGUAGE

UT-4

CH-7 PYTHON DICTIONARY

CH-10 EMERGING TRENDS

TERM-II

ENTIRE SYLLABUS

PRACTICALS

PAINTING/COMMERCIAL ARTS

UT-1

INTRODUCTION

CHAPTER-1 PRE-HISTORIC ROCK PAINTINGS

CHAPTER-2 ART OF INDUS VALLEY CIVILISATION

PRACTICAL - STILL LIFE (COMPOSITION)

UT-2A

CHAPTER-3 BHUDDIST, JAIN AND HINDU ART

PRACTICAL – COMPOSITION /ILLUSTRATION

UT-2B

CHAPTER-1 PRE-HISTORIC ROCK PAINTINGS

CHAPTER-3 BHUDDIST, JAIN AND HINDU ART

PRACTICAL- ILLUSTRATION/COMPOSITION

TERM-1

INTRODUCTION

CHAPTER-1 PRE-HISTORIC ROCK PAINTINGS

CHAPTER-2 ART OF INDUS VALLEY CIVILISATION

CHAPTER-3 BHUDDIST, JAIN AND HINDU ART

PRACTICAL- ILLUSTRATION/COMPOSITION

UT-3

CHAPTER-4 TEMPLE SCLUPTURES BRONZES

PRACTICAL- STILL LIFE/POSTER

UT-4

CHAPTER-5 ARTISTIC ASPECTS OF INDO-ISLAMIC ARCHITECHTURE

PRACTICAL- STILL LIFE/POSTER

TERM-2

ENTIRE SYLLABUS

PRACTICAL-STILL LIFE/POSTER AND COMPOSITION/ILLUSTRATION

PHYSICAL EDUCATION

UT1

CHAPTER-1 CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION

CHAPTER-2.OLYMPICS

UT2 (A)

CHAPTER-3 YOGA.

CHAPTER-4 PHYSICAL EDUCATION AND SPORTS FOR CWSN.

UT 2 (B)

CHAPTER-5 PHYSICAL FITNESS, HEALTH AND WELLNESS.

TERM1

CHAPTER-1 CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION.

CHAPTER-2 OLYMPICS

CHAPTER-3.YOGA

CHAPTER-4. PHYSICAL EDUCATION AND SPORTS FOR CWSN

CHAPTER-5 PHYSICAL FITNESS, HEALTH AND WELLNESS.

UT3

CHAPTER-6.TEST AND MEASUREMENT AND EVALUATION.

CHAPTER-7 FUNDAMENTAL OF ANATOMY PHYSIOLOGY IN SPORTS.

UT 4

CHAPTER-8 FUNDAMENTAL OF KINESIOLOGY AND BIOMECHANICS IN SPORTS.

CHAPTER-9 PSYCHOLOGY AND SPORTS.

TERM2

ENTIRE SYLLABUS

APPLIED MATHS

UT-1

CHAPTER-1 (NUMBERS)

CHAPTER-2 (INDICES AND LOGARITHMS)

UT-2

CHAPTER-4 (MENSURATION)

CHAPTER-5 (SETS)

TERM-1

CHAPTER-1 (NUMBERS)

CHAPTER-2 (INDICES AND LOGARITHMS)

CHAPTER-3 (QUANTITATIVE APTITUDE)

CHAPTER-4 (MENSURATION)

CHAPTER-5 (SETS AND RELATIONS)

CHAPTER-7 (PERMUTATIONS AND COMBINATIONS)

CHAPTER-9 (FUNCTIONS)

CHAPTER-14 (COMPOUND INTEREST)

CHAPTER-16 (UTILITY BILLS)

UT-3

CHAPTER-10 (LIMITS AND CONTINUITY)

UT-4

CHAPTER-11 (DIFFRENTIATION)

TERM-2

ENTIRE SYLLABUS

MUSIC

UT-1

DEFINITIONS AND TAAL

UT 2 (A)

DEFINITIONS, TAAL, LIFE-SKETCH, RAAG

UT 2 (B)

DEFINITIONS, TAAL, LIFE-SKETCH, RAAG

TERM-1

DEFINITIONS, HISTORY OF DHRUPAD, KHAYAL, TARANA, KNOWLEDGE OF TANPURA, LIFE SKETCHES, TAAL, RAAGAS

UT-3

DEFINITIONS, TAAL, LIFESKETCH, RAAG, GHARANA

UT-4

MUSIC ELEMENTS IN NATYA SHASTRA AND BRIHADDESHI, TAAL, RAAG, WRITING NOTATIONS

TERM-2

ENTIRE SYLLABUS.