

AHLCON PUBLIC SCHOOL, MAYUR VIHAR , PHASE – I, DELHI
SYLLABUS FOR FINAL – 2019 – 2020

CLASS X

ENGLISH

LITERATURE READER:-

FIRST FLIGHT(PROSE) (All Chapters and Poems): - 1) A Letter to God (2) Dust of Snow (3) Fire and Ice (4) Nelson Mandela: Long Walk to Freedom (5) A Tiger in the Zoo (6) Two Stories about Flying (7) His First Flight (8) Block Aeroplane (9) How to tell Wild Animals (10) The Ball Poem (11) From the Diary of Anne Frank (12) Amanda (13) The Hundred Dresses I and II (14) Animals (15) A Baker from Goa (16) Coorg (17) Tea from Assam (18) The Trees (19) Mijbil the Otter (20) Fog (21) Madam Rides the Bus (22) The Tale of Custard and Dragon (23) The Sermon at Benares (24) The Proposal (25) For Anne Gregory

FOOT PRINTS: (1) A triumph of Surgery (2) The Thief's Story (3) The Midnight Visitor (4) A Question of Trust (5)Footprints Without Feet (6) The Making of a Scientist (7) The Necklace (8) The Hack Driver (9) Bholi (10) The Book that Saved the Earth.
Grammar: Genral Writing Skills: Story Writings, Formal / Informal, Artical, Diary Entry

HINDI

कक्षा 10 का पाठ्यक्रम

अपठित गद्यांश

व्याकरण

1-शब्द पद तथा शब्द व पद में अंतर

2-रचना के आधार पर वाक्य रूपांतरण

3-समास

4-अशुद्धि शोधन

5-मुहावरे अर्थ एवं वाक्य प्रयोग

स्पर्श /

(काव्य खंड)

1-साखी

2-मीरा के पद

3-बिहारी के दोहे

4-मनुष्यता

5-पर्वत प्रदेश में पावस

6-कर चले हम फिदा

7आत्मत्राण

स्पर्श

(गद्य खंड)

1- बड़े भाई साहब

2 डायरी का पन्ना

3-तताँरा वामीरो कथा

4-अब कहाँ दूसरे के दुख में दुखी होने वाले

5-पतझर में टूटी पत्तियाँ

*गिन्नी का सोना *झेन की देन

6-कारतूस

संचयन

1- हरिहर काका

2-सपनों के से दिन

3- टोपी शुक्ला

रचना कौशल

1- पत्र लेखन

2-अनुच्छेद लेखन

3- सूचना लेखन

4-संवाद

5-विज्ञापन

SANSKRIT

अपठित गद्यांशः , अनुच्छेदलेखनम् अथवा चित्रवर्णनम्, पत्रलेखनम् , अनुवादकार्यम्

व्याकरण – (1) सन्धि : – व्यंजन – मोऽनुस्वारः , तुकागमः, प्रथम अक्षराणां तृतीयवर्णे परिवर्तनं, प्रथमवर्णस्य पंचमवर्णे परिवर्तनम्।

विसर्गसन्धिः – उत्त्वं, रत्वं , लोपः, विसर्गस्थाने स् , ष , ष

(2) समासाः – तत्पुरुषः (विभक्तिः), बहुव्रीहिः , अव्ययीभावः , (अनु, उप, सह, निर्, प्रति, यथा) द्वन्द्वः

(3) प्रत्ययाः – तद्धिताः – मतुप् , ठक् , त्व , तल्

स्त्री. – टाप् , डीप्

(4) वाच्यपरिवर्तनम् (लट् लकारे) (5) समयः (6) अव्ययपदानि (7) अशुद्धिसंशोधनम्

शेमुषी (भाग – 2) (1) शुचिपर्यावरणम् (2) बुद्धिर्बलवती सदा (3) व्यायामः सदा पथ्यः

(4) शिशुलालनम् (5) जननी तुल्यवत्सला (6) सुभाषितानि (7) सौहार्द प्रकृतेः शोभा

(8) विचित्रः साक्षी (9) सूक्तयः (10) प्राणेभ्योऽपि प्रियः सुहृत्

FRENCH

1. Leçon 1 à Leçon 12

2. Compréhension

3. Écrite

4. Grammaire

5. Culture et civilisation

MATHEMATICS

Chapter – 1 – Real Numbers

Chapter – 2 – Polynomials

Chapter – 3 – Pairs of Linear Equations in two variables

Chapter – 4 – Quadratic Equations

Chapter – 5 – Arithmetic Progressions

Chapter – 6 – Triangles

Chapter – 7 – Co-Ordinate Geometry

Chapter – 8 - Introduction to Trigonometry

Chapter – 9 – Some Applications of Trigonometry

Chapter – 10 - Circles

Chapter – 11 - Constructions

Chapter – 12 – Areas related to Circles

Chapter – 13 – Surface areas and volumes

Chapter – 14 – Statistics

Chapter – 15 - Probability

SCIENCE

PHYSICS:-

- Chapter – 12 – Electricity
- Chapter – 13 – Magnetic Effects of Electric Current
- Chapter – 14 – Sources of Energy
- Chapter – 10 – Light Reflection & Refraction
- Chapter – 11 – Human Eye & Colourful World

CHEMISTRY

- Chapter – 1 – Chemical reactions and Equations
- Chapter – 2 – Acids, Bases and Salts
- Chapter – 3 – Metals and Non- Metals
- Chapter - 4 – Carbon and its compounds
- Chapter - 5 – Periodic Classification of Elements

BIOLOGY

- Chapter – 6 – Life Processes
- Chapter – 7 - Control & Coordination
- Chapter – 8 – How do Organisms Reproduce
- Chapter - 9 – Heredity and Evolution
- Chapter - 15 – Our Environment
- Chapter - 16 – Management of Natural Resources

Practical Based Questions (Done in Physics, Chemistry & Biology)

SOCIAL SCIENCE

HISTORY –

- Section I – Events & Processes
 - Unit I – The Rise of Nationalism in Europe
 - Unit III – Nationalism in India
- Section II – Livelihoods, Economies & Societies -
 - Unit IV – The Making of A Global World
- Section III – Everyday Life, Culture & Politics
 - Unit VII – Print Culture And the Modern World

POLITICAL SCIENCE –

- Chapter 1 – Power Sharing
- Chapter 2 – Federalism
- Chapter 4 – Gender, Religion and Caste
- Chapter 6 – Political Parties
- Chapter 7 – Outcomes of Democracy

ECONOMICS –

- Chapter 1 – Development
- Chapter 2 – Sectors of the Indian Economy
- Chapter 3 – Money and Credit
- Chapter 4 – Globalisation and the Indian Economy

GEOGRAPHY-

- Chapter 1 – Resources and Development
- Chapter 3 – Water Resources
- Chapter 4 – Agriculture
- Chapter 5 – Mineral and Energy Resources
- Chapter 6 – Manufacturing Industries
- Chapter 7 – Lifelines of National Economy

HOME SCIENCE

Unit 1: Play

Unit 2 : Features of Childhood

Unit 3 : Features and Problems of Adolescents

Unit 4 : Adulthood and Old Age

Unit 5: Time and Energy Management

Unit 6: Family Income

Unit : 7: Food and Personal Hygiene

Unit :8 : Meal Planning

Unit 9: Food Safety and Consumer Education

Unit 10: Care and Maintenance of Fabrics

Unit :11: Readymade Garments

PRACTICAL SYLLABUS

PRACTICAL1 – Made a suitable play material for a child between 1 to 3 year

2 – Plan a balanced meal for self

3 – Prepare a time plan for self

4 – Market survey and 5 food labels collection to study (FSSAI, AGMARK, ISI)

5 – To remove stains of (curry, Paint, Ball pen, grease, Tea, coffee and lipstick)

6 – Prepare a care table for a readymade garment according to its fabric and design.

COMPUTER APPLICATION:

Unit 1 : NETWORKING (5 MARKS)

Chapter 1: Internet Basics

Chapter 2: Internet Services and Mobile Technologies

Unit 2 : HTML (12 MARKS)

Chapter 3: HTML – I : Basic HTML Elements

Chapter 4: HTML – II : Images, Links and Tables

Chapter 5: CSS (CASCADING STYLE SHEETS)

Unit 3 : CYBER ETHICS (5 MARKS)

Chapter 6 : Cyberethics

Unit 4 : PYTHON THEORY (8 MARKS)

Chapter 8: Python Revision

Chapter 9: Python Conditionals & Loops

PRACTICAL: 70 Marks

- 1) Lab Test: (i) HTML (design one web page based on diagram) (15 marks)
(ii) Python (Write one program) (15 marks)
- 2) Report File + Viva – Atleast 10 HTML Pages and at least 5 Python programmes
Viva: Based on the report file.
- 3) Project: A website design with atleast 5 pages.

PAINTING

Theory:

Unit I – The elements and Principles of Visual Art

Unit II - Understanding and appropriate use of

- i) Tools
- ii) Painting Materials – Poster Colours, Water Colours, Oil Pastels and Pencils
- iii) Transparent and Opaque colours and techniques

Unit III - i) Sketching from Nature and Imagination ii) Still life iii) Painting composition, Story of Indian Art Covering Painting, sculpture and architectural glimpses.

Practical: Painting from memory – Simple composition in water / poster / pastel colours on given subject based on sketching from life and nature. It may also be in abstract/ semi – abstract / folk art forms.

