Our Lady of Pillar Convent School, Jodhpur

Class – X, Syllabus - 2022-2023

ENGLISH

Periodic Assessment 01

First Flight : Chapter 1, 2
Footprints w/o Feet : Chapter 1, 2
Grammar : Modals, Determiners
Writing Skills : Letter to the Editor
Reading Skills : Discursive Passage
Work Book : Unit 1,2

Half yearly Examination

First Flight : Chapter 1, 2, 3. 4, 7, 8
Footprints w/o Feet : Chapter 1, 2, 3, 4, 5, 6, 7
Grammar: Tenses, Modals, Determiners, Reported SpeechCommands & Request, Statements & Questions
Writing Skills : Formal Letters , Analytical Paragraph
Reading Skills : Discursive Passage & Case Based Passage
Work Book : Unit 1 to 4

Periodic Assessment 02

First Flight : Chapter 9, 10, 11
Footprints w/o Feet : Chapter 9, 10
Grammar : Tenses, Modals, Determiners, Subject –Verb Covered, Reported Speech , Commands & Request, Statements & Questions,
Writing Skills : Analytical Paragraph
Reading Skills : Discursive Passage /Case Based Passage
Work Book : Unit 7,8

Pre Board Examinations

First Flight : Chapter 1, 2, 3. 4, 7, 8,9, 10 ,11
Footprints w/o Feet : Chapter 1, 2, 3, 4, 5, 6, 7, 9, 10
Grammar : Tenses, Modals, Determiners, Subject –Verb Concord, Reported Speech Commands & Request, Statements & Questions
Writing Skills : Formal Letters , Analytical Paragraph
Reading Skills : Discursive Passage & Case Based Passage
Work Book : Unit 1 to 4 and Units 7 to 11

Our Lady of Pillar Convent School, Jodhpur

Class – X, Syllabus - 2022-2023

Hindi

- **प्रथमपरख –(PT -I)**

भाग(अ)

अपठित गद्यांश

भाग(ब)व्यावहारिक व्याकरण

1. रचना के आधारपरवाक्य रूपांतरण
2. समास
3. मुहावरे

भाग(ग)साहित्य

स्पर्श(गद्य खंड)

बड़े भाई साहब ,तताँरा–वामीरो कथा

पद्य भाग–कबीर

अर्द्धवार्षिक परीक्षा(Half Yearly)

भाग(क)अपठित गद्यांश

भाग (ख)व्यावहारिक व्याकरण–पदबंध , रचना के आधार पर वाक्य रूपांतरण , समास , मुहावरे

भाग(ग)पाठ्य पुस्तक स्पर्श भाग–2

गद्य भाग–बड़े भाई साहब ,डायरी का एक पन्ना , तताँरा वामीरों कथा

पद्य भाग–कबीर ,मीरा , मनुष्यता

पूरक पाठ्य पुस्तक संचयन भाग– 2 –हरिहर काका

भाग (ध)लिखित अभिव्यक्ति–अनुच्छेद लेखन , पत्र

लेखन(औपचारिक पत्र) विज्ञापन लेखन , सूचना लेखन ,

लघुकथा

द्वितीय परख(PT - II)

भाग(क)अपठित गद्यांश

भाग (ख)व्यावहारिक व्याकरण–रचना के आधार पर वाक्य

रूपांतरण, पदबंध , मुहावरे

भाग(ग)साहित्य –गद्य भाग–तीसरी कसम के शिल्पकार शैलेंद्र,

अब कहाँ दूसरें के दुख से दुखी होने वाले

पद्य भाग–पर्वत प्रदेश में पावस , तोप

संचयन–सपनों के से दिन

वार्षिक परीक्षा(Annual Exam)

भाग–(क)अपठित गद्यांश

भाग (ख)व्यावहारिक व्याकरण–पदबंध , रचना के आधार पर वाक्य

रूपांतरण , समास , मुहावरे

भाग(ग)पाठ्य पुस्तक स्पर्शभाग– 2

गद्य भाग–बड़े भाई साहब , डायरी का एक पन्ना, तताँरा–वामीरों कथा , अब कहाँ दूसरें के दुख से दुखी होने वाले , पतझड़ में टूटी पत्तियाँ , कारतूस , तीसरी कसम के शिल्पकार शैलेंद्र

पद्य भाग–कबीर ,मीरा , मनुष्यता , पर्वत प्रदेश में पावस, तोप, कर चले हम फ़िदा, आत्मत्राण

पूरक पाठ्य पुस्तक संचयन भाग– 2

हरिहर काका, सपनों के से दिन , टोपी शूक्ला

भाग– (ध)लिखित अभिव्यक्ति–

अनुच्छेद लेखन , पत्र लेखन(औपचारिक पत्र) , सूचना लेखन , विज्ञापन लेखन , लधु कथा /औपचारिक ई–मेल लेखन

Mathematics

Periodic Test 1

Chapter 1 : Real Numbers

Chapter 2 : Polynomials

Half Yearly Exams (Term 1)

Chapter 3 : Pair Of Linear Equation In Two Variables

Chapter 4 : Quadratic Equation

Chapter 5 : Arithmetic Progression

Chapter 6 : Triangles

Chapter 8 : Introduction To Trigonometry

Chapter 15: Probability

NOTE:- Chapters of Periodic Test 1 are also included

- SEA-(Subject Enrichment Activity)Two Lab activities will be conducted by respective subject teachers in class

Periodic Test 2

Chapter 7 : Coordinate Geometry
Chapter 13: Surface Area and Volumes

Pre Board

Chapter 9 : Some Applications Of Trigonometry
Chapter 10: Circles
Chapter 12: Areas Related To Circles
Chapter 14: Statistics

NOTE:- All chapters of Periodic Test 1, Half Yearly and Periodic Test 2 are also included.

- SEA-(Subject Enrichment Activity)Two Lab activities will be conducted by respective subject teachers in class

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SCIENCE

PERIODIC TEST 1

Sr. No.	Chapter No.	Name of the Chapter
1.	1. Chemistry	Chemical Reactions and Equations Chemical equation, Balanced chemical equation, implications of a balanced chemical equations, types of chemical reactions: Combination, Decomposition, Displacement, Double displacements, Precipitation, Oxidation, Reduction and Redox reaction.
2.	6. Biology	Life processes Living Being Basic concept of nutrition, respiration in plants and animals.
3.	10. Physics	Light- Reflection and Refraction. Reflection of light by curved surfaces: Images formed by spherical mirrors, Centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required) Magnification.

HALF-YEARLY EXAMINATION

Sr. No.	Chapter No.	Name of the Chapter
1.	2 & 3. Chemistry	Acids, bases and salts: Their definitions in terms of furnishing of H+ and OH– ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris. Metals and nonmetals: Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.
2.	7& 8 Biology	Control and co-ordination in animals and plants: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones. Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.

3.	10 & 11	Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens. Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset).

- Syllabus of PT-1 also will be included in Half-Yearly.
- SEA (Subject Enrichment activity) will be conducted by the respective subject teachers in Class.

PERIODIC TEST 2

Sr. No.	Chapter No.	Name of the Chapter
	4. Chemistry	Carbon and its Compounds: Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes).
2.	12. Physics	Effects of Current Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R. Magnetic effects of current : Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.
3.	9. Biology	Heredity and Evolution: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: (topics excluded - evolution; evolution and classification and evolution should not be equated with progress).

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Pre- Board

Sr. No.	Chapter No.	Name of the Chapter
1.	4. Chemistry	Carbon and its Compounds: Difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.
2.	13. Physics	Magnetic effects of current: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.
3.	15. Biology	Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

Syllabus of PT-1, Half-Yearly and PT-2 also will be included in Pre- board Examination.

- SEA (Subject Enrichment activity) will be conducted by respective subject teachers in Class.

SOCIAL SCIENCE

Periodic Test – I

History	:	Chapter – 1 Nationalism in Europe
Civics	:	Chapter – 1 Power Sharing
Geography	:	Chapter – 1 Resource and Development

Half Yearly Examination

History	:	Chapter – 1 Nationalism in Europe
		Chapter – 2 Nationalism in India
Civics	:	Chapter – 1 Power Sharing
		Chapter – 2 Federalism
		Chapter – 4 Gender, Religion and Caste
Geography	:	Chapter – 1 Resource and Development
		Chapter – 2 Forest and Wildlife
		Chapter – 3 Water Resources
		Chapter – 4 Agriculture

Economics	:	Chapter – 1	Development
		Chapter – 2	Sectors of Indian Economy
		Chapter – 3	Money and Credit

Periodic Test – II

HISTORY	:	Chapter – 3	Making of the Global World
CIVICS	:	Chapter – 6	Political Parties
GEOGRAPHY	:	Chapter – 5	Minerals and Energy Resources

Annual Exams / Pre-Boards

HISTORY	:	Chapter – 4	The Age of Industrialization
		Chapter – 5	Print Culture and the Modern World
CIVICS	:	Chapter – 7	Outcomes of Democracy
GEOGRAPHY	:	Chapter – 6	Manufacturing Industries
		Chapter – 7	Life line of National Economy
ECONOMICS	:	Chapter-4	Globalization and the Indian Economy

\+ Full syllabus of PT1, Half Yearly and PT2

LIST OF MAP ITEMS CLASS-X (2022-23)

A. **HISTORY(**Outline Political Map of India)

Chapter-3 Nationalism in India–(1918–1930)forlocatingandlabelling/Identification

1. **Indian National Congress Sessions:**
   a. Calcutta(Sep.1920)
   b. Nagpur(Dec.1920)
   c. Madras(1927)
2. **ImportantCentresofIndianNationalMovement**
   a. Champaran(Bihar)-Movement of Indigo Planters

b. Kheda(Gujarat)-Peasant Satyagrah
c. Ahmedabad(Gujarat)-Cotton Mill Workers Satyagraha
d. Amritsar(Punjab)-Jallianwala Bagh Incident
e. ChauriChaura(U.P.)-Calling off the Non-Cooperation Movement
f. Dandi(Gujarat)-Civil Disobedience Movement

B. **GEOGRAPHY(**Outline Political Map of India)

Chapter1:ResourcesandDevelopment (Identification only)

a.Major soil Types

Chapter3:WaterResources(Locating and Labelling)

Dams:

a. Salal
b. BhakraNangal
c. Tehri
d. RanaPratapSagar
e SardarSarovar
f Hirakud
g NagarjunaSagar
h Tungabhadra

Chapter4:Agriculture(Identification only)

a.Major areas of Rice and Wheat
b.Largest/MajorproducerstatesofSugarcane,Tea,Coffee,Rubber,CottonandJute

Chapter 5: Minerals and Energy
Resources Minerals (Identification only)
a. Iron Oremines

- Mayurbhanj
- Durg
- Bailadila
- Bellary
- Kudremukh

b. CoalMines

- Raniganj
- Bokaro
- Talcher
- Neyveli

c. Oil Fields

- Digboi
- Naharkatia
- MumbaiHigh
- Bassien
- Kalol
- Ankaleshwar

Power Plants

(Locating and Labelling only)

a. Thermal

- Namrup
- Ramagundam

- Singrauli

b. Nuclear

- Narora
- Kakrapara
- Tarapur
- Kalpakkam

Chapter6:ManufacturingIndustries(LocatingandLabellingOnly)

Software Technology Parks:

a	Noida	e	Hyderabad
b	Gandhinagar	f	Bengaluru
c	Mumbai	g	Chennai
d	Pune	h	Thiruvananthapuram

Chapter 7: Lifelines of National Economy
MajorPorts:(LocatingandLabelling)

a.	Kandla	f	Tuticorin
b.	Mumbai	g	Chennai
c.	Marmagao	h	Vishakhapatnam
d.	NewMangalore	I	Paradip
e.	Kochi	j	Haldia

International Airports:

a.	Amritsar(RajaSansi–SriGuru Ram Dassjee)	d.	Chennai(MeenamBakkam)
b.	Delhi(IndiraGandhi)	e.	Kolkata(NetajiSubhashChandra Bose)
c.	Mumbai(ChhatrapatiShivaji)	f.	Hyderabad(RajivGandhi)

Note:Items of LocatingandLabellingmayalsobegivenforIdentification.

Term – I

Activity -1 Collect information about the consumer awareness write about the laws & measures to be taken to stop the exploitation of the consumers in the market

Activity -2 Locate and label the following in the political map of India

(a) Major areas of Rice and Wheat.
(b) Largest / Major producer states of sugarcane, Tea , coffee, Rubber , cotton and Jute

Computer

Sno	Name of Examination	Chapter Number
1	Periodic Test 01	Part A: Unit 1 Part B: Unit 1
2	Half Yearly	Part A: Unit 1,2,3 Part B: Unit 1,2,3
3	Periodic Test 02	Part A: Unit 4 Part B: Unit 4
4	Pre Board	Part A: Unit 1,2,3,4,5 Part B: Unit 1,2,3,4

MORAL VALUE

Term -1

Chapter-1,2,3,4,5,6,7

Term -2

Chapter – 8,9,10,11,12,13

There will be no written exam for moral value.