

GD GOENKA PUBLIC SCHOOL, JHAJJAR
SYLLABUS BREAKUP (2024-25)

XII

ENGLISH

TERM 1	TERM 2
<p>LITERATURE</p> <p>Flamingo</p> <p>L-1 The Last Lesson L-2 Lost Spring L-3 Deep Water L-4 The Rattrap L-5 Indigo</p> <p>Vistas</p> <p>L-1 The Third Level L-2 The Tiger King L-3 Journey to The End of The Earth L-4 The Enemy</p> <p>POEM</p> <ul style="list-style-type: none"> • My Mother at Sixty-Six • Keeping Quiet • A Thing of Beauty <p>READING SKILLS AND WRITING SKILLS</p> <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage (Case Based with Visual Input-Statistical Data, Chart etc..) • Formal Letter Writing (Formal/Informal, Invitation and Reply, Editorial letter) • Notice Writing • Article Writing • Report Writing • Invitation and Reply <p>ASL (ASSESSMENT FOR SPEAKING SKILLS AND LISTENING SKILLS)</p> <p>Unknown audio clip will be played. Questions related to the same will be asked to assess the Listening Skills. Random topics will be given to assess the Speaking Skills.</p>	<p>LITERATURE</p> <p>Flamingo</p> <p>L-1 The Last Lesson L-2 Lost Spring L-3 Deep Water L-4 The Rattrap L-5 Indigo L-6 Poets and Pancakes L-7 The Interview L-8 Going Places</p> <p>Vistas</p> <p>L-1 The Third Level L-2 The Tiger King L-3 Journey to The End of The Earth L-4 The Enemy L-5 On The Face of It L-6 Memories of Childhood</p> <p>POEM</p> <ul style="list-style-type: none"> • My Mother at Sixty-Six • Keeping Quiet • A Thing of Beauty • A Roadside Stand • Aunt Jennifer’s Tigers <p>READING SKILLS AND WRITING SKILLS</p> <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage (Case Based with Visual Input-Statistical Data, Chart etc..) • Formal Letter Writing • Notice Writing • Article Writing • Report Writing • Invitation and Reply <p>ASL (ASSESSMENT FOR SPEAKING SKILLS AND LISTENING SKILLS)</p> <p>Unknown audio clip will be played. Questions related to the same will be asked to assess the Listening Skills. Random topics will be given to assess the Speaking Skills.</p>

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
<p>LITERATURE Flamingo L-1 The Last Lesson Vistas L-1 The Third Level L-2 The Tiger King POEM <ul style="list-style-type: none"> • My Mother at Sixty-Six READING SKILLS AND WRITING SKILLS <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage (Case Based with Visual Input- Statistical Data, Chart etc..) • Letter Writing (Formal/Informal, Invitation and Reply,Editorial Letter) • Notice Writing </p>	<p>LITERATURE Flamingo L-1 The Last Lesson L-2 Lost Spring L-3 Deep Water L-4 The Rattrap L-5 Indigo Vistas L-1 The Third Level L-2 The Tiger King L-3 Journey to The End of The Earth L-4 The Enemy POEM <ul style="list-style-type: none"> • My Mother at Sixty-Six • Keeping Quiet • A Thing of Beauty READING SKILLS AND WRITING SKILLS <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage (Case Based with Visual Input-Statistical Data, Chart etc..) • Formal Letter Writing (Formal/Informal, Invitation and Reply, Editorial letter) • Notice Writing • Article Writing • Report Writing • Invitation and Reply ASL (ASSESSMENT FOR SPEAKING SKILLS AND LISTENING SKILLS) Unknown audio clip will be played. Questions related to the same will be asked to assess the Listening Skills. Random topics will be given to assess the Speaking Skills.</p>	<p>LITERATURE Flamingo L-6 Poets and Pancakes L-7 The Interview Vistas L-4 The Enemy POEM <ul style="list-style-type: none"> • A Thing of Beauty • A Roadside Stand READING SKILLS AND WRITING SKILLS <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage • (Case Based with Visual Input- Statistical Data, Chart etc..) • Article Writing • Report Writing </p>	<p>LITERATURE Flamingo L-7 The Interview L- 8 Going Places Vistas L-5 On The Face of It L-6 Memories of Childhood POEM <ul style="list-style-type: none"> • A Thing of Beauty • A Roadside Stand READING SKILLS AND WRITING SKILLS <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage (Case Based with Visual Input-Statistical Data, Chart etc..) • Letter Writing (Formal/Informal, Invitation and Reply, Editorial Letter) • Notice Writing • Article Writing • Report Writing </p>	<p>LITERATURE Flamingo L-1 The Last Lesson L-2 Lost Spring L-3 Deep Water L-4 The Rattrap L-5 Indigo L-6 Poets and Pancakes L-7 The Interview L-8 Going Places Vistas L-1 The Third Level L-2 The Tiger King L-3 Journey to The End of The Earth L-4 The Enemy L-5 On The Face of It L-6 Memories of Childhood POEM <ul style="list-style-type: none"> • My Mother at Sixty-Six • Keeping Quiet • A Thing of Beauty • A Roadside Stand • Aunt Jennifer’s Tigers READING SKILLS AND WRITING SKILLS <ul style="list-style-type: none"> • Unseen Passage (Literary or Discursive) • Unseen Passage (Case Based with Visual Input-Statistical Data, Chart etc..) • Formal Letter Writing • Notice Writing • Article Writing • Report Writing • Invitation and Reply ASL (ASSESSMENT FOR SPEAKING SKILLS AND LISTENING SKILLS) Unknown audio clip will be played. Questions related to the same will be asked to assess the Listening Skills. Random topics will be given to assess the Speaking Skills.</p>

MATHEMATICS

TERM 1

TERM 2

Ch-1 Relation and Function
 Ch-2 Inverse Trigonometry
 Ch-3 Matrix
 Ch-4 Determinant
 Ch-5 Continuity and Differentiability
 Ch-6 Application of Derivatives
 Ch-13 Linear Programming

PRACTICAL SKILL ASSESSMENT

- To Demonstrate a Function Which Is Not One-One but Is One-Two.
- To Draw the Graph of $\sin^{-1}x$, Using Graph of $\sin X$ and Demonstrate the Concept of Mirror Reflection (About Line $Y=X$).
- To Verify That Amongst All the Rectangles of the Same Perimeter, the Square has Maximum Area.
- To Verify that the Relation R in the Set L of All Lines in a Plane, Defined by $R = \{(L, M): L \perp M\}$ is Symmetric but Neither Reflexive Nor Transitive.
- To Verify Rolle's Theorem.

Ch-7 Integration
 Ch-8 Application of Integration
 Ch-9 Differential Equation
 Ch-10 Vectors
 Ch-11 3-D Geometry
 Ch-12 Probability

PRACTICAL SKILL ASSESSMENT

- To Demonstrate the Equation of a Plane in Normal Form.
- To Measure the Shortest Distance Between Two Skew Lines and Verify it Analytically.
- To explain the Computation of Conditional Probability of a Given Event A, When Event B has Already Occurred, through an Example of Throwing a Pair of Dice.
- To Verify that Angle in a Semi-Circle Is a right Angle, Using Vector Method.
- To Evaluate the Definite Integral $\int \sqrt{1-x^2} dx$ as the Limit of a Sum and Verify it by Integration.

PERIODIC TEST 1

TERM 1 EXAMINATION

PERIODIC TEST 2

PERIODIC TEST 3

TERM 2 EXAMINATION

Ch-3 Matrix
 Ch-4 Determinant
 Ch-13 Linear Programming

Ch-1 Relation and Function
 Ch-2 Inverse Trigonometry
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PRACTICAL SKILL ASSESSMENT

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Ch-7 Integration
 Ch-8 Application of Integration

Ch-9 Differential Equation
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PRACTICAL SKILL ASSESSMENT

- To Demonstrate the Equation of a Plane in Normal Form.
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- To Verify that Angle in a Semi-Circle Is a right Angle, Using

	<ul style="list-style-type: none"> To Verify Rolle's Theorem. 			<p>Vector Method.</p> <ul style="list-style-type: none"> To Evaluate the Definite Integral $\int \sqrt{1-x^2} dx$ as the Limit of a Sum and Verify it by Integration.
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PHYSICS	
TERM 1	TERM 2
<p>Theory</p> <p>Ch- 1 Electric Charges and Fields Ch- 2 Electrostatic Potential and Capacitance Ch- 3 Current Electricity Ch- 4 Moving Charges and Magnetism Ch- 5 Magnetism and Matter Ch- 6 Electromagnetic Induction Ch- 7 Alternating Current Ch- 8 Electromagnetic Waves</p> <p>PRACTICAL SKILL ASSESSMENT</p> <ul style="list-style-type: none"> To determine resistivity of two / three wires by plotting a graph for potential difference versus current. To find resistance of a given wire / standard resistor using meter bridge. To verify the laws of combination (series or parallel) of resistances using a meter bridge. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. To convert the given galvanometer (of known resistance and figure of merit) into a voltmeter of desired range and to verify the same. To convert the given galvanometer (of known resistance and figure of merit) into an ammeter of desired range and to verify the same. <p>ACTIVITY</p> <ul style="list-style-type: none"> To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. To assemble the components of a given electrical circuit. To study the variation in potential drop with length of a wire for a steady current. To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram. 	<p>Theory</p> <p>Ch- 9 Ray Optics and Optical Instruments Ch- 10 Wave Optics Ch- 11 Dual Nature of Radiation and Matter Ch- 12 Atoms Ch- 13 Nuclei Ch- 14 Semiconductor Electronics: Materials, Devices and Simple Circuits</p> <p>PRACTICAL SKILL ASSESSMENT</p> <ul style="list-style-type: none"> To find the value of v for different values of u in case of a concave mirror and to find the focal length. To find the focal length of a convex mirror, using a convex lens. To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v. To find the focal length of a concave lens, using a convex lens. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. To determine refractive index of a glass slab using a travelling microscope. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias. <p>ACTIVITY</p> <ul style="list-style-type: none"> To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. Use of multimeter to see the unidirectional flow of current in case of a diode and an LED and check whether a given electronic component (e.g., diode) is in working order. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab. To study the nature and size of the image formed by a, <ol style="list-style-type: none"> i. convex lens, or ii. concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror).

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch- 1 Electric Charges and Fields Ch- 2 Electrostatic Potential And Capacitance	Ch-1 Electric Charges and Fields Ch- 2 Electrostatic Potential and Capacitance Ch- 3 Current Electricity Ch- 4 Moving Charges and Magnetism Ch- 5 Magnetism and Matter Ch- 6 Electromagnetic Induction Ch- 7 Alternating Current Ch- 8 Electromagnetic Waves PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> ● PRACTICAL SKILL ASSESSMENT (1-6) ● ACTIVITY (1-5) 	Ch- 9 Ray Optics and Optical Instruments Ch-10 Wave Optics	Ch- 13 Nuclei Ch- 14 Semiconductor Electronics: Materials, Devices and Simple Circuits.	Ch- 9 Ray Optics and Optical Instruments Ch- 10 Wave optics Ch- 11 Dual Nature of Radiation and Matter Ch- 12 Atoms Ch- 13 Nuclei Ch- 14 Semiconductor Electronics: Materials, Devices and Simple Circuits. PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> ● PRACTICAL SKILL ASSESSMENT (1-7) ● ACTIVITY (1-4)

CHEMISTRY

TERM 1

Ch- 1 Solutions
 Ch- 2 Chemical Kinetics
 Ch- 3 Coordination Compounds
 Ch- 4 Haloalkanes and Haloarenes
 Ch- 5 Alcohols, Phenols and Ethers
 Ch- 6 Biomolecules

PRACTICAL SKILL ASSESSMENT QUALITATIVE ANALYSIS

1. Determination Of One Anion and One Cation in a Given Salt.
2. Detection of -Nitrogen, Sulphur, Chlorine in Organic Compounds.

PREPARATION OF INORGANIC COMPOUNDS

3. Preparation of Double Salt of Ferrous Ammonium Sulphate or Potash.
4. Preparation of Mn^{2+} , Ni^{2+} .

DETERMINATION OF CONCENTRATION/MOLARITY OF $KMnO_4$ SOLUTION BY TITRATING IT AGAINST A STANDARD SOLUTION.

5. a) Oxalic acid b) Ferrous Ammonium Sulphate

CONTENT BASED EXPERIMENTS

6. Chromatography
 - a) Separation of Pigments from Extracts of Leaves and Flowers by Paper Chromatography and Determination of R_f Values.
 - b) Separation of Constituents Present in an Inorganic Mixture Containing Two Cations.
 - c) Characteristic Tests of Carbohydrates, Fats and Proteins in Pure Samples and Their Detection in Given Food stuffs.

TESTS FOR THE FUNCTIONAL GROUPS PRESENT IN ORGANIC COMPOUNDS

7. Unsaturation, Alcoholic, Phenolic.

CHEMICAL KINETICS

8. Effect of Concentration and Temperature on The Rate of Reaction Between Sodium thiosulphate and Hydrochloric Acid.

TERM 2

Ch- 1 Solutions
 Ch- 2 Chemical Kinetics
 Ch- 3 Coordination Compounds
 Ch- 4 Haloalkanes and Haloarenes
 Ch- 5 Alcohol, Phenol and Ethers
 Ch- 6 Biomolecules
 Ch- 7 d and f-block Elements
 Ch- 8 Electrochemistry
 Ch- 9 Aldehydes, Ketones and Carboxylic Acid
 Ch- 10 Amines

PRACTICAL SKILL ASSESSMENT

SURFACE CHEMISTRY

1. Preparation of Lyophilic solution- Starch, Egg Albumin and Gum, and Lyophobic Solution - Aluminium Hydroxide, Ferric Hydroxide, Arsenous Sulfide.
2. Dialysis of Sol-Prepared In 1. Above.
3. Study of The Role of Emulsifying Agents in Stabilizing the Emulsion of Different Oils.

PREPARATION OF ORGANIC COMPOUNDS

4. Preparation of any One of the Following Compounds.
 - a) Acetanilide b) Di-benzal acetone c) *p*-Nitro acetanilide d) AnilineYellow or 2-Naphthol Aniline dye.

ELECTROCHEMISTRY

5. Variation of Cell Potential in $Zn/Zn^{2+} || Cu^{2+}/Cu$ with Change in Concentration of Electrolytes ($CuSO_4$ or $ZnSO_4$) at Room Temperature.

THERMOCHEMISTRY

6. Enthalpy of Neutralization of Strong Acid (HCl) and Strong Base (NaOH).

TESTS FOR THE FUNCTIONAL GROUPS PRESENT IN ORGANIC COMPOUNDS

7. Ketonic, Carboxylic and Amino (Primary)Groups.

QUALITATIVE ANALYSIS

8. Determination of One Anion and One Cation in a Given Salt.

Cations: Pb^{2+} , Cu^{2+} , As^{3+} , Al^{3+} , Fe^{3+} , Mn^{2+} , Zn^{2+} , Ni^{2+} , Ca^{2+} , Sr^{2+} , Ba^{2+} , Mg^{2+} , NH_4^+ .

Anions: $(CO_3)^{2-}$, S^{2-} , $(SO_3)^{2-}$, $(NO_2)^-$, $(SO_4)^{2-}$, Cl^- , Br^- , I^- , $(PO_4)^{3-}$, $(C_2O_4)^{2-}$, CH_3COO^- , NO_3^- .

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch- 1 Solutions Ch- 3 Coordination Compounds	Ch- 1 Solutions Ch- 2 Chemical Kinetics Ch- 3 Coordination Compounds Ch- 4 Haloalkanes and Haloarenes Ch- 5 Alcohols, Phenols and Ethers Ch- 6 Biomolecules PRACTICAL SKILL ASSESSMENT PRACTICAL SKILL ASSESSMENT (1-8)	Ch- 9 Aldehydes, Ketones and Carboxylic Acids Ch- 10 Amines	Ch- 7 d and f Block Elements Ch- 8 Electrochemistry	Ch- 1 Solutions Ch- 2 Chemical Kinetics Ch- 3 Coordination Compounds Ch- 4 Haloalkanes and Haloarenes Ch- 5 Alcohol, Phenol and Ethers Ch- 6 Biomolecules Ch- 7 d and f-block Elements Ch- 8 Electrochemistry Ch- 9 Aldehydes, Ketones and Carboxylic Acids Ch- 10 Amines PRACTICAL SKILL ASSESSMENT • PRACTICAL SKILL ASSESSMENT (1-8)

BIOLOGY	
TERM 1	TERM 2
THEORY Ch-2 Sexual Reproduction in Flowering Plants Ch-3 Human Reproduction Ch-4 Reproductive Health Ch-5 Principles of Inheritance and Variation Ch-6 Molecular Basis of Inheritance Ch-7 Evolution PRACTICAL SKILL ASSESSMENT 1. Prepare a temporary mount to observe pollen germination. 2. Study the plant population density by Quadrat method. 3. Study the plant population frequency by Quadrat method. 4. Prepare a temporary mount of onion root tip to study mitosis.	THEORY Ch-8 Human Health and Diseases Ch-10 Microbes in Human Welfare Ch-11 Biotechnology-Principles and Processes Ch-12 Biotechnology and its Applications Ch-13 Organisms and Populations Ch-14 Ecosystem Ch-15 Biodiversity and its Conservation PRACTICAL SKILL ASSESSMENT 1. Spotting (T.S. of blastula through permanent slides) 2. Pedigree charts of any one of the genetic traits such as blood groups, colour blindness. 3. Permanent Slides Observation for Common disease-causing organisms like Ascaris, Entamoeba, Plasmodium. 4. Model specimens showing symbiotic association in root nodules.

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch-2 Sexual Reproduction in Flowering Plants Ch-3 Human Reproduction Ch-4 Reproductive Health	Ch-2 Sexual Reproduction in Flowering Plants Ch-3 Human Reproduction Ch-4 Reproductive Health Ch-5 Principles of Inheritance and Variation Ch-6 Molecular Basis of Inheritance Ch-7 Evolution PRACTICAL SKILL ASSESSMENT PRACTICAL SKILL ASSESSMENT (1-4)	Ch-10 Microbes in Human Welfare Ch-11 Biotechnology-Principles and Processes	Ch-12 Biotechnology and Its Applications Ch-13 Organisms and Populations	Entire Syllabus for AISSCE Examination as per CBSE PRACTICAL SKILL ASSESSMENT ● PRACTICAL SKILL ASSESSMENT (1-4) TERM 1 ● PRACTICAL SKILL ASSESSMENT (1-4) TERM 2

HISTORY	
TERM 1	TERM 2
THEMES IN INDIAN HISTORY PART-I Theme 1: Bricks, Beads and Bones Theme 2: Kings, Farmers and Towns Theme 3: Kinship, Caste and Class Theme 4: Thinkers, Beliefs and Buildings THEMES IN INDIAN HISTORY PART-II Theme 5: Through The Eyes of Travellers Theme 6: Bhakti & Sufi Traditions Theme 7: An Imperial Capital: Vijayanagar Theme 8: Peasants, Zamindars and The State PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics. <ul style="list-style-type: none"> ● Indus Valley Civilization ● Mahabharata ● Buddhism Art and Architecture ● Bhakti Sufi Traditions 	THEMES IN INDIAN HISTORY PART-I Theme 1: Bricks, Beads and Bones Theme 2: Kings, Farmers and Towns Theme 3: Kinship, Caste and Class Theme 4: Thinkers, Beliefs and Buildings THEMES IN INDIAN HISTORY PART-II Theme 5: Through The Eyes of Travellers Theme 6: Bhakti & Sufi Traditions Theme 7: An Imperial Capital: Vijayanagar Theme 8: Peasants, Zamindars and The State THEMES IN INDIAN HISTORY PART-III Theme 10: Colonialism and The Countryside Theme 11: Rebels and The Raj Theme 13: Mahatma Gandhi and The Nationalist Movement Theme 15: Framing The Constitution PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics. <ul style="list-style-type: none"> ● The Mysteries Behind The Mound of Dead –Mohenjo-Daro

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- Mughal Courts and Their Chronicles

- Buddha’s Path to Enlightenment
- Insight and Reflection of Bernier’s Notions of The Mughal Empire
- Mahatma Gandhi – A Legendary Soul
- To Reconstruct The History of Vijayanagar Through The Archaeology of Hampi

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
<p>THEMES IN INDIAN HISTORY PART-I</p> <p>Theme 1: Bricks, Beads and Bones</p> <p>Theme 2: Kings, Farmers and Towns</p> <p>Theme 3: Kinship, Caste and Class</p>	<p>THEMES IN INDIAN HISTORY PART-I</p> <p>Theme 1: Bricks, Beads and Bones</p> <p>Theme 2: Kings, Farmers and Towns</p> <p>Theme 3: Kinship, Caste and Class</p> <p>Theme 4: Thinkers, Beliefs and Buildings</p> <p>THEMES IN INDIAN HISTORY PART-II</p> <p>Theme 5: Through The Eyes of Travellers</p> <p>Theme 6: Bhakti & Sufi Traditions</p> <p>Theme 7: An Imperial Capital: Vijayanagar</p> <p>Theme 8: Peasants, Zamindars and The State</p> <p>PRACTICAL SKILL ASSESSMENT</p> <p>Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> • Indus Valley Civilization • Mahabharata • Buddhism Art and Architecture • Bhakti Sufi Traditions • The Mysteries Behind The Mound of Dead –Mohenjo-Daro • Mughal Courts and Their Chronicles 	<p>THEMES IN INDIAN HISTORY PART-III</p> <p>Theme 10: Colonialism and The Countryside</p> <p>Theme 11: Rebel and The Raj</p>	<p>THEMES IN INDIAN HISTORY PART-III</p> <p>Theme 13: Mahatma Gandhi and The Nationalist Movement</p> <p>Theme 15: Framing The Constitution</p>	<p>THEMES IN INDIAN HISTORY PART-I</p> <p>Theme 1: Bricks, Beads and Bones</p> <p>Theme 2: Kings, Farmers and Towns</p> <p>Theme 3: Kinship, Caste and Class</p> <p>Theme 4: Thinkers, Beliefs and Buildings</p> <p>THEMES IN INDIAN HISTORY PART-II</p> <p>Theme 5: Through the Eyes of Travellers</p> <p>Theme 6: Bhakti & Sufi Traditions</p> <p>Theme 7: An Imperial Capital: Vijayanagar</p> <p>Theme 8: Peasants, Zamindars and The State</p> <p>THEMES IN INDIAN HISTORY PART-III</p> <p>Theme 10: Colonialism and The Countryside</p> <p>Theme 11: Rebels and The Raj</p> <p>Theme 13: Mahatma Gandhi and The Nationalist Movement</p> <p>Theme 15: Framing The Constitution</p> <p>PRACTICAL SKILL ASSESSMENT</p> <p>Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> • The Mysteries Behind the Mound of Dead –Mohenjo-Daro • Buddha’s Path to Enlightenment • Insight and Reflection of Bernier’s Notions of The Mughal Empire • Mahatma Gandhi – A Legendary Soul • To Reconstruct The History of Vijayanagar Through The Archaeology of Hampi

POLITICAL SCIENCE

TERM 1

PART-A: CONTEMPORARY WORLD POLITICS

Ch-2 The End of Bipolarity

Ch-3 New Centers of Power

Ch-4 South Asia and The Contemporary World

PART B: POLITICS IN INDIA SINCE INDEPENDENCE

Ch-1 Challenges of Nation-Building

Ch-3 Planning and Development

Ch-4 India's Foreign Policy (External Relations)

Ch-5 Parties and The Party Systems in India

PRACTICAL SKILL ASSESSMENT

Comprehensive Project Report and Viva Voce on Any of The Following Topics.

- Non-aligned Movement
- India's Foreign Policy
- Cold War
- Parties and The Party Systems in India

TERM 2

PART A: CONTEMPORARY WORLD POLITICS

Ch-2 The End of Bipolarity

Ch-3 New Centers of Power

Ch-4 South Asia and The Contemporary World

Ch-5 United Nations and its Organizations

Ch-6 Security in Contemporary World

Ch-7 Environment and Natural Resources

Ch-8 Globalization

PART B: POLITICS IN INDIA SINCE INDEPENDENCE

Ch-1 Challenges of Nation-Building

Ch-3 Planning and Development

Ch-4 India's Foreign Policy (External Relations)

Ch-5 Parties and The Party Systems in India

Ch-6 Social and New Social Movements in India

Ch-7 Regional Aspirations

Ch-8 Indian Politics: Trends and Developments

PRACTICAL SKILL ASSESSMENT

Comprehensive Project Report and Viva Voce on Any of The Following Topics.

- United Nations and its Organizations
- Globalization
- Planning and Development
- Indian Politics: Trends and Developments

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
<p>PART A: CONTEMPORARY WORLD POLITICS Ch-2 The End of Bipolarity Ch-3 New Centres of Power</p> <p>PART B: POLITICS IN INDIA SINCE INDEPENDENCE Ch-1 Challenges of Nation Building</p>	<p>PART A: CONTEMPORARY WORLD POLITICS Ch-2 The End of Bipolarity Ch-3 New Centres of Power Ch-4 South Asia and The Contemporary World</p> <p>PART B: POLITICS IN INDIA SINCE INDEPENDENCE Ch-1 Challenges of Nation Building Ch-3 Planning and Development Ch-4 India's Foreign Policy (External Relations) Ch-5 Parties and The Party System in India</p> <p>PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on any of The Following Topics.</p> <ul style="list-style-type: none"> ● Non-aligned Movement ● India's Foreign Policy ● Cold War Parties and The Party Systems in India 	<p>PART A: CONTEMPORARY WORLD POLITICS Ch-5 United Nations and Its Organizations Ch-6 Security in Contemporary World</p> <p>PART B: POLITICS IN INDIA SINCE INDEPENDENCE Ch-6 Social and New Social Movements in India Ch-7 Regional Aspirations</p>	<p>PART A: CONTEMPORARY WORLD POLITICS Ch-7 Environment and Natural Resources Ch-8 Globalization</p> <p>PART B: POLITICS IN INDIA SINCE INDEPENDENCE Ch-8 Indian Politics: Trends and Developments</p>	<p>PART A: CONTEMPORARY WORLD POLITICS Ch-2 The End of Bipolarity Ch-3 New Centres of Power Ch-4 South Asia and The Contemporary World Ch-5 United Nations and Its Organizations Ch-6 Security in Contemporary World Ch-7 Environment and Natural Resources Ch-8 Globalization</p> <p>PART B: POLITICS IN INDIA SINCE INDEPENDENCE Ch-1 Challenges of Nation-Building Ch-3 Planning and Development Ch-4 India's Foreign Policy (External Relations) Ch-5 Parties and The Party Systems in India Ch-6 Social and New Social Movements in India Ch-7 Regional Aspirations Ch-8 Indian Politics: Trends and Developments</p> <p>PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on any of The Following Topics.</p> <ul style="list-style-type: none"> ● United Nations and Its Organizations ● Globalization ● Planning and Development ● Indian Politics: Trends and Developments

ECONOMICS				
TERM 1			TERM 2	
<p>PART A INTRODUCTORY MACRO ECONOMICS Unit 1 National Income Accounting Unit Unit 2 Money and Banking Unit 4 Government Budget and The Economy PART B INDIAN ECONOMIC DEVELOPMENT Unit 6 Development Experience (1947-1990) and Economic Reform Since 1991 Unit 7 Current Challenges Facing Indian Economy PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> ● National Income ● Demonetization ● GST and Its Impact ● Government Budget 			<p>PART A INTRODUCTORY MACRO ECONOMICS Unit 1 National Income Accounting Unit 2 Money and Banking Unit 3 Determination of Income and Employment Unit 4 Government Budget and The Economy Unit 5 Balance of Payments PART B INDIAN ECONOMIC DEVELOPMENT Unit 6 Development Experience (1947-1990) and Economic Reform Since 1991 Unit 7 Current Challenges facing Indian Economy Unit 8 Development Experience of India- A Comparison With Neighbours PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> ● Unemployment ● Poverty ● Balance of Payment 	
PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Unit 2 Money and Banking Unit 4 Government Budget and The Economy	Unit 1 National Income Accounting Unit 2 Money and Banking Unit 4 Government Budget and The Economy Unit 6 Development Experience (1947-1990) and Economic Reform Since 1991 Unit 7 Current Challenges Facing Indian Economy PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics. <ul style="list-style-type: none"> ● National Income ● Demonetization GST and Its Impact on Government Budget 	Unit 5 Balance of Payments	Unit 8 Development Experience of India- A Comparison With Neighbours	<p>PART A INTRODUCTORY MACRO ECONOMICS Unit 1 National Income Accounting Unit 2 Money and Banking Unit 3 Determination of Income and Employment Unit 4 Government Budget and The Economy Unit 5 Balance of Payments PART B INDIAN ECONOMIC DEVELOPMENT Unit 6 Development Experience (1947-1990) and Economic Reform Since 1991 Unit 7 Current Challenges Facing Indian Economy Unit 8 Development Experience of India- A Comparison With Neighbours PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> ● Unemployment ● Poverty ● Balance of Payment

ACCOUNTANCY	
TERM 1	TERM 2
<p>THEORY Ch-1 Partnership Fundamentals Ch-2 Goodwill Valuation Ch-3 Change in Profit Sharing Ratio Ch-4 Admission of Partner Ch-5 Retirement/Death of Partner Ch-6 Dissolution of Partnership Firm</p> <p>PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> ● Partnership Firm ● Partnership Fundamental 	<p>THEORY Ch-1 Partnership Fundamentals Ch-2 Goodwill Valuation Ch-3 Change in Profit Sharing Ratio Ch-4 Admission of Partner Ch-5 Retirement/Death of Partner Ch-6 Dissolution of Partnership Firm Ch-7 Accounting for Share Capital Ch-8 Accounting for Debentures Ch-9 Comparative and Common Size Statement Ch-10 Cash Flow Statement</p> <p>PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics.</p> <ul style="list-style-type: none"> ● Financial Statement ● Ratio Analysis

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch-1 Partnership Fundamentals Ch-2 Goodwill Valuation	Ch-1 Partnership Fundamentals Ch-2 Goodwill Valuation Ch-3 Change in Profit Sharing Ratio Ch-4 Admission of Partner Ch-5 Retirement/Death of Partner Ch-6 Dissolution of Partnership Firm PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics. <ul style="list-style-type: none"> ● Partnership Firm ● Partnership Fundamental 	Ch-7 Accounting for Share Capital Ch-8 Accounting for Debentures	Ch-9 Comparative and Common Size Statement Ch-10 Cash Flow Statement	Ch-1 Partnership Fundamentals Ch-2 Goodwill Valuation Ch-3 Change in Profit Sharing Ratio Ch-4 Admission of Partner Ch-5 Retirement/Death of Partner Ch-6 Dissolution of Partnership Firm Ch-7 Accounting for Share Capital Ch-8 Accounting for Debentures Ch-9 Comparative and Common Size Statement Ch-10 Cash Flow Statement PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on Any of The Following Topics. <ul style="list-style-type: none"> ● Financial Statement ● Ratio Analysis

BUSINESS STUDIES**TERM 1**

Ch-1 Nature and Significance of Management
Ch-2 Principles of Management
Ch-3 Business Environment
Ch-4 Planning
Ch-5 Organizing

PRACTICAL SKILL ASSESSMENT

Comprehensive Project Report and Viva Voce on Any of The Following Topics.

- POM, Business Environment
- Nature of Management
- Planning

TERM 2

Ch-1 Nature and Significance of Management
Ch-2 Principles of Management
Ch-3 Business Environment
Ch-4 Planning
Ch-5 Organizing
Ch-6 Staffing
Ch-7 Directing
Ch-8 Controlling
Ch-9 Financial Management
Ch-10 Financial Market
Ch-11 Marketing Management
Ch-12 Consumer Protection

PRACTICAL SKILL ASSESSMENT

Comprehensive Project Report and Viva Voce on Any of The Following Topics.

- Marketing
- Business Environment
- Financial Market
- Consumer Protection

PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch-1 Nature & Significance of Management Ch-2 Principles of Management	Ch-1 Nature and Significance of Management Ch-2 Principles of Management Ch-3 Business Environment Ch-4 Planning Ch-5 Organizing PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on any of the following topics. <ul style="list-style-type: none"> ● POM, Business Environment ● Nature of Management Planning 	Ch-6 Staffing Ch-7 Directing Ch-8 Controlling	Ch-9 Financial Management Ch-10 Financial Market Ch-11 Marketing Management Ch-12 Consumer Protection	Ch-1 Nature and Significance of Management Ch-2 Principles of Management Ch-3 Business Environment Ch-4 Planning Ch-5 Organizing Ch-6 Staffing Ch-7 Directing Ch-8 Controlling Ch-9 Financial Management Ch-10 Financial Market Ch-11 Marketing Management Ch-12 Consumer Protection PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on any of the following topics. <ul style="list-style-type: none"> ● Marketing ● Business Environment ● Financial Market ● Consumer Protection

COMPUTER SCIENCE

COMPUTER SCIENCE				
TERM 1			TERM 2	
THEORY Ch-1 Python Revision Tour Ch-2 Python Revision Tour-II Ch-3 Working With Functions Ch-4 Using Python Libraries Ch-5 File Handling Ch-6 Recursion Ch-7 Idea Of Algorithm Efficiency PRACTICAL SKILL ASSESSMENT • Python			THEORY Ch-8 Data Structures Ch-9 Data Structure-II Ch-10 Communication and Network Concepts Ch-11 Relational Database Ch-12 Simple Queries in SQL Ch-13 Table Creation and Data Manipulation Ch-14 Grouping Records, Joins in SQL Ch-15 Interface Python with My SQL PRACTICAL SKILL ASSESSMENT • Python	
PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch-1 Python Revision Tour Ch-2 Python Revision Tour-II	THEORY Ch-1 Python Revision Tour Ch-2 Python Revision Tour-II Ch-3 Working With Functions Ch-4 Using Python Libraries Ch-5 File Handling Ch-6 Recursion Ch-7 Idea of Algorithm Efficiency PRACTICAL SKILL ASSESSMENT • Python	Ch-8 Data Structures Ch-9 Data Structure-II	Ch-11 Relational Database Ch-12 Simple Queries in SQL	THEORY Ch-8 Data Structures Ch-9 Data Structure-I CH-10 Communication and Network Concepts Ch-11 Relational Database Ch-12 Simple Queries in SQL Ch-13 Table Creation and Data Manipulation Ch-14 Grouping Records, Joins in SQL Ch-15 Interface Python with My SQL PRACTICAL SKILL ASSESSMENT • Python

PHYSICAL EDUCATION

TERM 1		TERM 2		
Ch-1 Management of Sporting Events Ch-2 Children and Women in Sports Ch-3 Yoga as Preventive Measure For Lifestyle Diseases Ch-4 Physical Education and Sports For CWSN Ch-5 Sports and Nutrition PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> • Physical Fitness Test: SAI Khelo India Test • Yogic Practices • Proficiency in Games and Sports 		Ch-1 Management of Sporting Events Ch-2 Children and Women in Sports Ch-3 Yoga as Preventive Measure For Lifestyle Disease Ch-4 Physical Education and Sports For CWSN Ch-5 Sports and Nutrition Ch-6 Test and Measurement in Sports Ch-7 Physiology and injuries in Sports Ch-8 Biomechanics and Sports Ch-9 Psychology and Sports Ch-10 Training in Sports PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> • Physical Fitness Test: SAI Khelo India Test • Yogic Practices • Proficiency in Games and Sports 		
PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch-1 Management of Sporting Events Ch-2 Children and Women in Sports Ch-3 Yoga as Preventive Measure For Lifestyle Diseases	Ch-1 Management of Sporting Events Ch-2 Children and Women in Sports Ch-3 Yoga as Preventive Measure For Lifestyle Diseases Ch-4 Physical Education and Sports For CWSN Ch-5 Sports and Nutrition PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> • Physical Fitness Test: SAI Khelo India Test • Yogic Practices • Proficiency in Games and Sports 	Ch-6 Test and Measurement in Sports Ch-7 Physiology and Injuries in Sports Ch-8 Biomechanics and Sports	Ch-9 Psychology and Sports Ch-10 Training in Sports	Ch-1 Management of Sporting Events Ch-2 Children and Women in Sports Ch-3 Yoga as Preventive Measure For Lifestyle Disease Ch-4 Physical Education and Sports For CWSN Ch-5 Sports and Nutrition Ch-6 Test and Measurement in Sports Ch-7 Physiology and injuries in Sports Ch-8 Biomechanics and Sports Ch-9 Psychology and Sports Ch-10 Training in Sports PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> • Physical Fitness Test: SAI Khelo India Test • Yogic Practices • Proficiency in Games and Sports

PSYCHOLOGY				
TERM 1		TERM 2		
Ch-1 Variations in Psychological Attributes Ch-2 Self and Personality Ch-3 Meeting Life Challenges Ch-4 Psychological Disorders PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> • Adjustment Inventory for School Students by AKP Sinha and RP Singh • Assessment of Psychological Disorder 		Ch-1 Variations in Psychological Attributes Ch-2 Self and Personality Ch-3 Meeting Life Challenges Ch-4 Psychological Disorders Ch-5 Therapeutic Approaches Ch-6 Attitude and Social Cognition Ch-7 Social Influence and Group Processes Ch-8 Psychology and Life Ch-9 Developing Psychological Skills PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on any of the following topics. <ul style="list-style-type: none"> • Raven's Standard Progressive Matrices • Maudley's Personality Inventory • Self Concept Questionnaire • Sinha's Comprehensive Anxiety test 		
PERIODIC TEST 1	TERM 1 EXAMINATION	PERIODIC TEST 2	PERIODIC TEST 3	TERM 2 EXAMINATION
Ch-1 Variations in Psychological Attributes Ch-2 Self and Personality	Ch-1 Variations in Psychological Attributes Ch-2 Self and Personality Ch-3 Meeting Life Challenges Ch-4 Psychological Disorders PRACTICAL SKILL ASSESSMENT <ul style="list-style-type: none"> • Adjustment Inventory for School Students by AKP Sinha and RP Singh • Assessment of Psychological Disorder 	Ch-5 Therapeutic Approaches Ch-6 Attitude and Social Cognition	Ch-7 Social Influence and Group Processes Ch- 8 Psychology and Life	Ch-1 Variations in Psychological Attributes Ch-2 Self and Personality Ch-3 Meeting Life Challenges Ch-4 Psychological Disorders Ch-5 Therapeutic Approaches Ch-6 Attitude and Social Cognition Ch-7 Social Influence and Group Processes Ch- 8 Psychology and Life Ch- 9 Developing Psychological Skills PRACTICAL SKILL ASSESSMENT Comprehensive Project Report and Viva Voce on any of the following topics. <ul style="list-style-type: none"> • Raven's Standard Progressive Matrices • Maudley's Personality Inventory • Self Concept Questionnaire • Sinha's Comprehensive Anxiety test