



Session 2024-25



DAV PUBLIC SCHOOLS

Jharkhand Zone - G

*Managed by : DAV College Managing Committee, New Delhi-
110055*

**CLASS
X**



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

ENGLISH LANG. & LIT. CLASS X

Month	Topics to be Covered
April	First Flight: Prose: Ch-1 A Letter to God 2.Nelson Mandela: Long Walk to Freedom. Poetry:Ch-1 Dust Of Snow ,Fire and Ice Footprints Without Feet: Ch-1 .A Triumph of Surgery Grammar: Tense Writing: Formal Letter (Complaint /Inquiry) Article Writing:Speed Thrills But Kills
May	First Flight : Prose: Ch 3 Two Stories about Flying Poetry:Ch 2A Tiger in the Zoo Footprints Without Feet: Ch:2 The Thief's Story Grammar: Modals , Reported Speech (Assertive,Interrogative & Imperative) Writing: Formal Letter - Letter to Editor Article Writing: WildLife Protection
June	First Flight: Prose: Ch 4 From the Diary Of Anne Frank Poetry: Ch-3 How to tell Wild Animals Footprints Without Feet: Ch:3 The Midnight Visitor Grammar: Reported Speech (contd.;Assertive,Interrogative & Imperative), Subject Verb Concord Article Writing: A Memorable Experience
July	First Flight: Prose:Ch:05 Glimpses Of India-I&II Poetry : Ch: 3 The ball Poem,Ch:04 Amanda Footprints Without Feet: Ch:04 A Question of Trust

	Grammar - Subject Verb Concord (Contd.) Article Writing: Women Empowerment
August	First Flight: Prose: ch:05 Glimpses of India - III, Poetry: Fog Footprints Without Feet: Ch:05 Footprints Without Feet,Ch :06 The Making of the Scientist Grammar: Determiners Writing: Analytical Paragraph Article Writing: Stop being Cruel to Animals.
September	Half Yearly Exam
October	First Flight: Prose:Ch-6 Mijbil the Otter Ch-7 Madam Rides the Bus Poetry :The Trees & The Tale of the Custard the Dragon Footprints Without Feet: Ch:7- The Necklace Grammar: Gap filling, Editing and Omission Writing: Harsh Realities of Life
November	First Flight: Prose-Ch-08 The Sermon at Benaras,Ch:09- The Proposal Poetry- For Anne Gregory Footprints Without Feet: Ch:9 Bholi ,Ch-10 The Book that saved the Earth Grammar: sentence Rearrangement
December	,Pre-Board Examination -1
January	Pre - Board Examination -2
February	BOARD EXAM



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

HINDI CLASS X

माह	पाठ्य पुस्तक क्षितिजभाग-II कृतिकाभाग-II	व्याकरण एवं लेखन
अप्रैल	पद्य-सूरदासउधोतुमहोअति---- गद्य- क्षितिज - स्वयंप्रकाश-नेताजीकाचश्मा	रचनाकेअनुसारवाक्यभेद, विज्ञापनलेखन
मई	पद्य-सूर्यकांतत्रिपाठीनिराला- उत्साह, अटनहींरहीहै जयशंकरप्रसाद- आत्मकथ्य गद्य- रामवृक्षबेनीपुरी- बालगोबिनभगत	पदपरिचय ,ईमेललेखन
जून	गद्य-क्षितिज - यशपाल-लखनवीअंदाज कृतिका-शिवपूजनसहाय-माताकाआँचल	वाच्यतथाभेद ,अनुच्छेदलेखन, पत्रलेखन
जुलाई	गद्य-मन्नूभंडारी -एककहानीयहभी भदंतआनंदकौसल्यायन-संस्कृति कृतिका- मधुकांकरिया-साना-सानाहाथजोड़ि	अलंकार संदेशलेखन ,स्ववृत्तलेखन
अगस्त	पद्य -नागार्जुन -यहदंतुरितमुस्कानफसल गद्य -कृतिका -अज्ञेय-क्योंलिखताहूँ?	विज्ञापनलेखनसंदेशलेखन ,अपठितगद्यांश,अपठितपद्यांश
सितंबर	अर्धवार्षिकपरीक्षा	
अक्टूबर	पद्य -तुलसीदास -रामलक्ष्मणपरशुरामसंवाद गद्य -क्षितिज -यतींद्रमिश्र -नौबतखानेमेंइबादत	अपठितगद्यांश ,अपठितपद्यांश

नवंबर	पद्य -क्षितिज- मंगलेशडबराल- संगतकार	संदेशलेखन ,विज्ञापनलेखन, अनुच्छेदलेखन ,पत्रलेखन
दिसंबर	PRE BOARD EXAM -1	
जनवरी	PRE BOARD EXAM -2	
फरवरी	BOARD EXAM	

DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

SANSKRIT CLASS X

मासाः	पाठ्यविन्दवः
अप्रैल	प्रथमः पाठः - वाङ् मयः तपः व्याकरण भागः - स्वर संधि - वृद्धि, यण्, अयादि समासः - तत्पुरुषः विभक्तीः प्रत्ययः - मतुप, ठक्
मई	द्वितीय पाठः - नास्ति त्यागसम सुखम् व्याकरण भागः - स्वर संधिः - पूर्व रूपम्, परस्वर्णः अनुस्वारस्थानं पञ्चमवर्णस्य प्रयोगः) संवादपूर्तिः कथापूर्तिः प्रत्ययः - त्व, तल, पत्र लेखनम् (औपचारिकम् / अनौपचारिकम्)
जून	रमणीया हि सृष्टिः एषा व्याकरण भागः - प्रत्ययः स्त्री प्रत्ययः - टाप्, डीप् संधिः - तुगागमः, वर्गीय प्रथम वर्णस्य तृतीय वर्ण परिवर्तनम् पाठाधारित - कथापूर्तिः
जुलाई	आज्ञा गुरुणां हि अविचारणीय समासः - नञ्, उपपद व्याकरण भागः - वाच्यपरिवर्तनम् (केवलं लट् लकारे) कर्तृ - कर्म - क्रिया) समयः - (सामान्यः, सपाद, सार्ध, पादोन, चित्रवर्णनम्) अशुद्धि संशोधनम् - वचन - लिङ्ग - पुरुष - लकार - दृष्टिया)
अगस्त	अभ्यास वशगं मनः सैपल पेपर, पत्र लेखनम्, चित्रलेखनम्, अनुच्छेद लेखनम् सम्पूर्णपाठ पुनरावृत्ति, सम्पूर्ण व्याकरण भाग पुनरावृत्ति अव्यय - इव उच्चैः, एव, नूनम्, इतस्ततः, विना, सहसा, वृथा, शनैः, इति , मा, यत्, सम्प्रति इदानीम्, अधुना
सितंबर	HALF YEARLY EXAM
अक्तूबर	तिरुक्कुरल्- सूक्ति- सौरभम् सुस्वांगत भो ! अरुणाचलेऽस्मिन् समासः - अव्ययभावः (अनु, उप, सह, निर, प्रति, यथा), दून्दूः समासः) संवादपूर्तिः / कथापूर्तिः अव्ययः - यावत्, बहिः, च, अपि, पुरा, अत्र -तत्र, यथा - तथा, कदा,

	शवः , हयः , किमर्थम् , कुत्र
नवम्बर	कालोऽहम केवलं आन्तरिक मूल्याड कनाय) किं किं उपादेयम् (केवलं आन्तरिक मूल्याड कनाय) सैम्पल पेपर अभ्यास व पाठ पुनरावृत्ति व अभ्यास सम्पूर्ण व्याकरण पुनरावृत्ति व अभ्यास पाठाधारित - कथापूर्ति: चित्रवर्णनम्
दिसम्बर	PRE BOARD EXAM -1
जनवरी	PRE BOARD EXAM -2
फरवरी	BOARD EXAM



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G
Session - 2024-25
MATHEMATICS CLASS X

Month	Topics to be Covered
April	1. Real Numbers 2. Polynomials
May	3. Pair of Linear Equation
June	5. Arithmetic Progression
July	6. Triangles 7. Coordinate Geometry
August	8. Introduction to Trigonometry 10. Area related to circle 13. Statistics

September	Half Yearly Exam
October	4. Quadratic Equation 9. Some Applications of Trigonometry \\ 11.Circles
November	12. Surface Ares and volumes 14. Probability
December	Pre - Board Examination-1
January	Pre - Board Examination -2
February	BOARD EXAM



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

PHYSICS CLASS X

Month	Chapter	Contents	Experiments/ Activity
April	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.	Determination of the focal length of 1) Concave mirror by obtaining the image of distant object
May	Light- Reflection and Refraction	Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses	2) Deformation of focal length of Convex lens by obtaining the image of distant object

June	Light- Reflection and Refraction	Lens formula (Derivation not required); Magnification. Power of a lens.	
July	The Human Eye and the Colourful World	Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.	1) Tracing the path of a ray passing through a rectangular glass slab for different angle of incidence Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
August	The Human Eye and the Colourful World	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). + Revision	2) Tracing the path of the rays of light through a glass prism.
September	Term I Exam		
October	Electricity	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.	To study the dependence of potential difference (v) across a resistor on the current (i) passing through it and determine its resistance. Also plot graph between V and I. Determination of the equivalent resistance of two resistors when connected in series.

November	Magnetic Effect 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.	Fix a sheet of white paper on a drawing board using some adhesive material and place of bar magnet in center of it. Sprinkle some iron fillings uniformly around a bar magnet.
December	PRE BOARD EXAM -1		
January	PRE BOARD EXAM -2		
February	BOARD EXAM		



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

CHEMISTRY

MONTHS	CHAPTER	CONTENTS	EXPERIMENT
April	Ch-1 Chemical reaction & equations	Chemical reactions ,characterstics of chemical reactions, balanced chemical equation, types of chemical equation , combination, decomposition ,single displacement ,double displacement, precipitation, Neutrilation , endothermic ,exothermic reaction	Performing and observing the following reaction and classifying them into (a)combination reaction (b)Decomposition reaction (c) Displacement reaction (d)Double displacement reaction (i)Action of water on quick lime ii)Action of heat on ferrous sulphate crystals (iii)iron nails kept in copper sulphate solution (iv)Reaction between sodium sulphate and barium chloride

			solutions .
May	Ch-1 Chemical reaction & equations	Oxidation and reduction reaction (in everyday life)	
June	Ch-2 Acid ,Bases and Salt	Introduction of acid , bases and salt , definition in terms of furnishing H ⁺ and OH ⁻ ions, properties of acids and bases and examples and uses.	Observe the action of Zn,Fe,Cu,and Al metal on the following salt solutions ZnSO ₄ , FeSO ₄ , CuSO ₄ , Al ₂ (SO ₄) ₃ Arrange Zn, Fe, Cu and Ai in the order of their decreasing order of reactivity Bsed on above result.
July	Ch-2 Acid ,Bases and Salt	To be continued... Concept of PH scale , importance of ph in everyday life salt,sodium hydroxide, bleaching powder, baking soda, washing soda and plaster of paris	Studying the properties of acid and bases on the basis of their reaction with (a) Litmus solution (b) Zinc metal (c) Solid sodium carbonate
August	Ch-3 Metals and Non Metals	Physical and chemical properties of metal and non metals. Reactivity series. Formation and properties of ionic compounds. Basic metallurgical processes, corrosion and its prevention Alloy	Finding of pH of following samples by using pH paper (i) Dilute hydrochloric acid (ii) Dilute NaOH (iii) Lemon juice (ii) water (v) Dilute hydrogen carbonate solution
September	HALF YEARLY EXAM		
October	Ch-4 Carbon Compounds	Covalent bonding in carbon compounds, Allotropic forms of carbon, versatile nature of carbon,	Study the following properties of acetic acid (a) Odour (b)Solubility in water (c) effect on litmus (d) reaction with sodium hydrogen carbonate

		Homologous series, Nomenclature of carbon compounds containing functional groups, (halogens, carboxylic acid, alcohol, ketones, aldehydes, alkanes, alkanes and alkynes) cyclic compounds, difference between saturated hydrocarbons and unsaturated hydrocarbons, chemical properties of carbon compounds, ethanol, ethanoic acid, soaps and detergents	
November		REVISION CH-3	
December		PRE-BOARD -1	
January		PRE BOARD-2	
February		Board Exam	



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G
Session - 2024-25
BIOLOGY

Month	Topic	Content	Activity
APRIL	Chapter – 5 Life processes	<ul style="list-style-type: none"> • Life processes • Basic concept of nutrition, autotrophic and heterotrophic nutrition • Respiration in plants and animals 	<ul style="list-style-type: none"> • Prepare a temporary mount of leaf peel to show stomata
May	Chapter -5 Life processes	<ul style="list-style-type: none"> • Transport in plants and animals 	Experimentally show that carbon dioxide is given out during

			respiration
June	Chapter – 5 Life processes	<ul style="list-style-type: none"> • Excretion in human being and plants 	
July	Chapter – 6 Control and Coordination	<ul style="list-style-type: none"> • Nervous system and reflex action • Human brain • Coordination in plants • Hormones in animals 	
August	Chapter – 7 How do organisms reproduce	<ul style="list-style-type: none"> • Importance of variations • Mode of reproduction used by single organisms • Sexual reproduction • Reproductive health 	<ul style="list-style-type: none"> • Studying: binary fission in amoeba, budding in yeast and hydra with the help of prepared slides
September	Revision	<ul style="list-style-type: none"> • 1st term examination 	
October	Chapter – 8 Heredity	<ul style="list-style-type: none"> • Heredity • Mendel's contribution • Laws of inheritance of traits • Sex determination 	<ul style="list-style-type: none"> • Identification of different parts of an embryo of dicot seed
November	Chapter – 13 Our environment	<ul style="list-style-type: none"> • Ecosystem • Food chains and webs • Bio degradable and non biodegradable substance. • 3Rs • Garbage management 	
December		PRE BOARD EXAM -1	
January		PRE BOARD EXAM -2	
February		BOARD EXAM	



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

GEOGRAPHY

Month	Topics	Project/Activity
April	<p>Resources- Resources and Development</p> <ul style="list-style-type: none"> -Type of resources, Resources development - - Resource planning, - Need for Resource planning -conversion of resources natural resources - land resources ,land utilization land use pattern in India. -Land degradation and conversion measures. -Soil is a resource Soil as a formation, Soil types, soil erosion and conversion of soil (excluding box information on state of India's environment) 	<p>*Activity</p> <ol style="list-style-type: none"> 1) Preparation of a flowchart showing types of resources. 2) preparation of pie chart representing land use pattern in India. <p>Activity:-</p> <ol style="list-style-type: none"> 1) preparation for a pie chart showing the percentage age of waste land in India 2) preparation of a tabular chart showing major soil types. <p>formation, features and their distribution</p>
May	<p>Forest and wildlife resources</p> <ul style="list-style-type: none"> •Biodiversity •flora and fauna in India •causes of depletion of flora and fauna •conversion of forest and wildlife in India •community and conversion •types and distribution of forest and wildlife resources 	<p>Activity-</p> <ol style="list-style-type: none"> 1) preparation of chart showing conversion of forest resources 2)preparation of chart showing conversion of wild life resources
June	<p>Water resources</p> <ul style="list-style-type: none"> •water: some facts and figures of water as an important natural resources, sources of water- distribution and utilization of water, what scarcting ,need for conversion and management, multipurposes project, 	<p>Activity</p> <p>paragraph on topic- water in saviour of life</p> <p>activity:1) map works to show the major dams on the political</p>

	Objectives and consequences rainwater harvesting.	outline map of India 2) group discussion on 'pron' and 'cons ' of multipurpose.
July	Water resources(contd.) need for conversion and management multipurpose projects: objective and consequences rainwater harvesting agriculture: importance of agriculture, types of farming cropping pattern, measure crops	projects: PowerPoint presentation on the traditional adaptation of rainwater harvesting in India OR drawing of rainwater harvesting structure in India
August	Agriculture(cond..) technology institutional reforms, contribution of agriculture to national economy, employment and output.	project : development of Indian agriculture in the pot independent period.
September	HALF YEARLY EXAM	
October	Mineral and energy resources significance of mineral resources. mode of occurrence of minerals, types of minerals and conservation of minerals conventional source of energy, Non conventional source of energy conservation of energy resources manufacturing industries importance of manufacturing, contribution of industry to national economy, industry location	Activity : any of the following disaster management topic 1) role of government/ non government functionaries in your locality in disaster management. 2)Generating awareness in disaster management 3)preparation of models of disaster resilient structures 4) Pocket guide on first Aid
November	Manufacturing industries:(contd..) classification of industries agro based industries (excluding cotton	5)institutional case study on disaster response.

	<p>textile, jute textile ,sugar industry) mineral based industries (excluding iron steel industry, cement industry) industrial population environmental degradation</p>	<p>6)communication facilities for disaster management 7) preparation of disaster contingency plan</p> <p>activity : drawing of the various mode of transport</p>
December	PRE BOARD EXAM -1	
January	PRE BOARD EXAM -2	
February	BOARD EXAM	



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

HISTORY CLASS X

Month	Topics	Map Work & Project
April	Chapter 1 The Rise Nationalism in Europe <ul style="list-style-type: none"> • The French revolution and the idea of the Nation • The making of nationalism in Europe • The age of revolution 1830-1848 • The making of Germany and Italy visualising the Nation • Nationalism and Imperialism. 	Map; on the outline political map of Europe mark and name Poland Austria hungry Italy Ireland Germany and France Activities 1. suggest your views on conservatism and Liberalism 2. Write about the role of culture and language in creating the idea of the nation
May	Chapter 1 The Rise Nationalism in Europe...	Map on the outline political map of Italy mark Lombardy Venetia Sardinia and Piedmont Activities Paste the pictures of Marianne and Germania and write few line on them. Write the important dates and events of this chapter.
June	Ch-3 Nationalism in India <ul style="list-style-type: none"> • The first world war, khilafat and non cooperation. • Differing strands within the movement • Towards civil disobedience movement • The sense of collective Belonging 	Map :-On an outline political map of India locate and label the following : 1. Indian National Congress session Calcutta(Sept 1920) Nagpur (Dec 1920) Madras (1927) 2. Important centres and Indian National movement Champaran

		(Bihar)movement of Indigo planters Kheda (Gujarat) Peasant Satyagraha Ahmedabad (Gujarat) cotton mill workers Satyagraha Amritsar (Punjab) jalianwala Bagh incident Chori chora (UP) calling off the Non - cooperation movement Dandi (Gujarat) civil disobedience movement
July	Ch-3 Nationalism in India * The first world war, khilafat and Non-cooperation •Differing stands within the Movement * Towards civil disobedience movement •The sense of collective belonging	1) write all the important Dates and Events of the chapter taught. 2) History and fiction, folklore and symbols, all played a part in the making of Nationalism. Discuss
August	Ch-4 The making of a global world •The Pre - modern world •The Nineteenth century (1845 - 1914) •The Inter Economy •Rebuilding of World Economy The post- war Era	•Show that globalization has a long history and point to the shift within the process. •Analyze the implication of globalisation for local economics. •Discuss how globalisation is experienced differently by different social groups.
September	HALF YEARLY EXAM	
October	Ch-5-The age of industrialisation * Before the industrial revolution •Hand labour and steam power •Industrialisation the colonies •Factories come up •The peculiarities of industrial Growth •Market for goods.	Collect the different phase of industrialization.
November	Ch-7Print culture and The modern world * The first printed books •Print come to Europe •The print revolution and its impact * The reading mania * India and the world of print * Religious reform and public debates * New forms of publication * Print and censorship	Activity:- 1) Identify the link between print culture and the circulation of ideas. 2) Familiarise with pictures, cartoons, extract from propaganda literature and newspaper debates on important events and issue in the past. 3) Through the picture in page number -173. 4) Show the fear of an artist in

		educating women.
December	PRE BOARD EXAM -1	
January	PRE BOARD EXAM -2	
February	BOARD EXAM	



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G
Session - 2024-25
POLITICAL SCIENCE

Month	Topics	Map Work & Project
April	Chapter 1 Power Sharing case studies of Belgium and Sri Lanka why power sharing is desirable? Forms of power sharing	1) Highlights the main difference between the ethnic composition of Belgium and Sri Lanka. 2) Role play:- Students are asked to make a parliament scene in the class room to understand the different department of the government.
May	Chapter 1 Power Sharing Chapter 2 Federalism	1) Draw a flowchart showing horizontal and vertical division of power sharing. 1) Prepare a file to show different subjects which are kept in union state and concurrent list. 2) Students are advised to go to their respective village and get information about their respective sarpanch, municipal councillor, chairman of zila Parishad, Mayor and BDO etc.
June	Chapter 2 Federalism	
July	Ch-4 Gender Religion and Caste Gender and politics Religion communalism and Politics	1) Debate: Women should be given equal representation to politics, equal job opportunities. Educational facilities: 2) write about the various schemes launched by the government to educate a girl child and to increase literacy rate.
August	Ch-4 Gender Religion and Caste Gender and politics	1) Caste has not disappeared from contemporary India. comment . 2) Prepare a project on popular struggles and movements in different countries .Their impacts and the role of pressure groups.
September		HALF YEARLY EXAM

October	Ch-6 Political Parties Why do we need political parties ? How many parties should we have ? National political parties State parties, challenges to political parties How can parties be reformed ?	1) Collect information from different sources about 10 political parties of India and their ideology. 2) Suggest your views to reform political parties. 3) Through their symbols explain about national and regional political parties. 1) study India's history from 1947 - 2019. 2) Prepare a list of areas where democracy has succeeded in solving India's problem 3) Prepare a list of areas where it has failed in developing goods results.
November	Ch-7 Outcomes of Democracy * How do we assess democracy's outcomes? <ul style="list-style-type: none"> • Accountable, responsive and legitimate government. • Economic growth and development • Reduction of inequality and poverty • Accommodation of social diversity • Dignity and freedom of the citizens 	1) Prepare a list of countries that are non democratic. 2) suggest some concrete proposals for our countries them into a Democratic setup.
December	PRE BOARD EXAM -1	
January	PRE BOARD EXAM -2	
February	BOARD EXAM	



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

ECONOMICS

Month	Topics	Map Work & Project
April	Ch-1 Development What development promises Different people different developmental goals Income and other goals How to compare different countries or	Students will analyze their own development goals along with their family members.

	states Income and other criteria Public facilities sustainable environment	
May	Sectors of Indian economy •Division of sectors and the basic of nature of work •Comparison among three sectors • Primary ,secondary and tertiary sector in India	Preparation of a chart showing classification of various activities into three sectors that is primary ,second and tertiary sector
June	ectors of Indian economic(Contd.) •Division of sectors organised and unorganised sector •Public and private sector (contd.)	Students will be asked to identify the different aspect required for development of three sectors and to protect the employee in an organised sector.
July	Ch-3 Money and credit Money as medium of exchange Moderns form of money Loan activities by banks Two different credit situations Terms of credit	Student will prepare a chart on importance of Banks.SHG's and cooperatives in urban and rural households
August	Money and credit (Contd.) * Formal sector of credit in India * Informal sector a credit •SHG's and cooperative •Unemployment	Inclusive teaching- mathematics(calculation of interest rate on loans and deposits) filter trip of students to some near by sHG's.
September	HALF YEARLY EXAM	
October	Globalisation •What is globalisation across countries •Interlinking production across countries	student will I will to explain the working of the global economic phenomena
November	Globalisation(contd.) •Foreign trade and integration of markets •Factors that have enabled globalisation •WTO • Impact of globalisation in India •The struggle for affair globalisation Consumer rights : To be used only for project work	Students will identify the role of international organisation in trading process of different
December	PRE BOARD EXAM -1	
January	PRE BOARD EXAM -2	
February	BOARD EXAM	



DAV PUBLIC SCHOOLS, JHARKHAND ZONE-G

Session - 2024-25

ARTIFICIAL INTELLIGENCE

S. No	Month	Chapters	Topic
1	April	Employability Skills	<ol style="list-style-type: none">1. Communication Skills-II*2. Self Management Skills-II3. Basic ICT Skills-II
2	May	Introduction To Artificial Intelligence(AI)	<ol style="list-style-type: none">1. What is Intelligence?2. Decision Making.<ul style="list-style-type: none">• How do you make decisions?• Make your choices3. What is Artificial Intelligence and what is not?4. : Introduction to AI and related terminologies.<ul style="list-style-type: none">• Introducing AI, ML & DL.• Introduction to AI Domains (Data Sciences,CV & NLP)5. Application of AI- A look at Real-life AI implementation.6. AI Ethics
3	June - July	AI Project Cycle	<ol style="list-style-type: none">1. Introduction to AI Project Cycle2. Understanding Problem Scoping & Sustainable Development Goals3. Simplifying Data Acquisition4. Visualising Data
4	August -		<ol style="list-style-type: none">5. : Introduction to Modelling<ul style="list-style-type: none">• Introduction to Rule Based & LearningBased AI Approaches• Introduction to Supervised Unsupervised & Reinforcement Learning Models• 6. Evaluating the idea!
5	September	HALF YEARLY EXAM	

6	October	Natural Language Processing	1. Introduction to Natural Language Processing 2. NLP Application 3. Revisiting AI Project Cycle
7	November	Evaluation	4. introduction to Chatbots 5. introduction to Model Evaluation 6. Confusion Matrix 7. Understanding Accuracy, Precision, Recall & F1 Score
8	December	PRE BOARD EXAM -1	
9	January	PRE BOARD EXAM -2	
10	February	BOARD EXAM	



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INFORMATION TECHNOLOGY

Term 1(June – September)			
Sl No.	Month	PART &UNIT	Session
1	April	Part A Unit1-Communication Skills-I	<ul style="list-style-type: none"> • Demonstrate Knowledge of Various Methods of Communication • Provide Descriptive and Specific Feedback • Apply Measures to Overcome Barriers in Communication • Demonstrate Basic Writing Skills
2	May	Part A Unit2- Self Management	<ul style="list-style-type: none"> • Apply Stress Management Techniques. • Demonstrate the ability to work independently.
3	June	Part A Unit3- ICT Skills-II	<ul style="list-style-type: none"> • Distinguish between different Operating Systems • Apply basic skills for care and maintenance of computer.
4	July	Part B Digital Documentation(Advanced)	<ul style="list-style-type: none"> • Apply Styles in a Document • Insert and Use Images in a Document • Create and Use Template
5	August	Part B Electronic Spreadsheet (Advanced)	<ul style="list-style-type: none"> • Creating Table of Contents • Scenarios Analysis • Linking Spreadsheet Data

			<ul style="list-style-type: none"> • Share and Review a Spreadsheet • Macros in Spreadsheet
6	September	HALF YEARLY EXAM	
Term II(October – March)			
7	October	Part A Unit4- Entrepreneurial Skills Unit5- Green Skills-I	<ul style="list-style-type: none"> • List the Characteristics of successful entrepreneur. • Demonstrate the Knowledge of importance, problems and solutions related to sustainable development
8	November	Part B Unit3- Database Management System	<ul style="list-style-type: none"> • Appreciate the Concept of Database Management System • Create and edit tables using wizard and SQL commands. • Perform operations on Table
9	December	Part B Unit3- Database Management System	<ul style="list-style-type: none"> • Retrieve data using query • Create Forms and Reports using Wizard
10	January	Part B Unit4- Managing Health and Safety	<ul style="list-style-type: none"> • Maintain Workplace Safety • Prevent Accidents and Emergencies • Protect Health and Safety at Work
11	February	Revision	

