

English Core: 301

S.No	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	APRIL	23	<ul style="list-style-type: none"> • INTRODUCTION OF SYLLABUS/CURRICULUM/ EXAMINATION SPECIFICATION • THE LAST LESSON • LOST SPRING • MY MOTHER AT SIXTY-SIX • THE THIRD LEVEL • NOTICE WRITING • COMPREHENSION (Reading) • SPEAKING SKILL-INTRODUCTION 	<p>https://drive.google.com/file/d/12SG8Kv73C6GRVDGAvjCEtShWEchpOdf5/view?usp=drivesdk</p> <p>https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</p> <p>Epathshala Learning On The Go https://epathshala.nic.in/</p> <p>https://youtu.be/hglZ-fVXhso</p> <p>https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</p> <p>Preview: English XII Part-1: Annual Preparatory Programme for Enhancement in Academics and Revision (APPEAR) SWAYAM https://onlinecourses.swayam2.ac.in/e-learning/preview/nce24_sc12</p>	<p>Mind Maps & PPTs</p> <p>Worksheet on Notice writing (Content, Organisation & Language Mechanics)</p> <p>Peer Group discussion on 'Time Travel'</p> <p>Debate - Linguistic Chauvinism will affect linguistic minorities.</p> <p>Test on Factual, Descriptive or Literary Passage https://cbseacademic.nic.in/web_material/Manuals/English_12Vol2.pdf</p>

				https://cbseacademic.nic.in/web_material/Manuals/PQ_EnglishCore12.pdf	<p>Speech- The plight of street children denied the opportunity of schooling</p> <p>Competency based questions - https://cbseacademic.nic.in/web_material/Manuals/PQ_EnglishCore12.pdf</p> <p>SUMMATIVE ASSESSMENT - MONTHLY TEST</p>
2	MAY	1	LISTENING SKILL- INTRODUCTION - TEST 1	https://drive.google.com/file/d/1CPXepx6bytf4xmJKYe6o67NYKQuSb8MW/view?usp=driveid	
3	JUNE	7	<ul style="list-style-type: none"> • THE TIGER KING • LETTER TO EDITOR • SPEAKING TEST • LISTENING TEST -2 	https://www.youtube.com/watch?v=goo-dxE07xQ https://www.youtube.com/watch?v=ZxsZCeXuZw https://www.youtube.com/watch?v=5A1aHgFXhw8 https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116	<p>Mind Maps & PPTs</p> <p>Worksheet on Letter to Editor (Format, Organisation of Ideas, Content, Accuracy of Spelling and Grammar)</p> <p>SUMMATIVE ASSESSMENT- MONTHLY TEST</p>

				<p>Epathshala Learning On The Go</p> <p>https://epathshala.nic.in/</p> <p>https://drive.google.com/file/d/12w7i37MTjq4ajKVseEM16cqmYuJXZPac/view?usp=drive_sdk</p>	
4	JULY	26	<ul style="list-style-type: none"> • DEEP WATER • THE RATTRAP • KEEPING QUIET • JOURNEY TO THE END OF THE WORLD • INVITATIONS & REPLIES • COMPREHENSION (Reading) • SPEAKING TEST • LISTENING TEST -3 	<p>https://www.youtube.com/watch?v=CiyarUmhA10&list=PLUgLcpnv1YickF0A5GM3a3iRII-KR9</p> <p>https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</p> <p>Epathshala Learning On The Go</p> <p>https://epathshala.nic.in/</p> <p>https://drive.google.com/file/d/1X9_kF9TJ1LoNgdEZXhwe2y-mxdFybz9c/view?usp=drivesdk</p>	<p>Mind Maps & PPTs</p> <p>Worksheet on Invitations (Format, Organisation of Ideas, Content, Accuracy of Spelling and Grammar)</p> <p>Test on descriptive pasage - https://cbseacademic.nic.in/web_material/Manuals/English_12Vol2.pdf</p> <p>Group Discussion- Theme of loneliness in ‘The Rattrap’</p> <p>Discuss- ‘Self- Introspection is the key to a peaceful life.’</p> <p>SUMMATIVE ASSESSMENT - MONTHLY TEST</p>
5	AUGUST	23	<ul style="list-style-type: none"> • INDIGO • A THING OF BEAUTY • THE ENEMY • JOB APPLICATION 	<p>https://www.youtube.com/watch?v=CiyarUmhA10&list=PLUgLcpnv1YickF0A5GM3a3iRII-KR9</p>	<p>Mind Maps & PPTs</p> <p>Worksheet on Covering letter & bio data or resume</p>

			<ul style="list-style-type: none"> REPORT WRITING COMPREHENSION (Reading) SPEAKING TEST LISTENING TEST -4 	<p>https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</p> <p>Epathshala Learning On The Go</p> <p>https://epathshala.nic.in/</p> <p>Preview: English XII Part-1: Annual Preparatory Programme for Enhancement in Academics and Revision (APPEAR) SWAYAM</p> <p>https://onlinecourses.swayam2.ac.in/e-learning/preview/nce24_sc12</p>	<p>Worksheet on Report Writing (Format, Organisation of Ideas, Content, Accuracy of Spelling and Grammar)</p> <p>Test on case-based passage https://cbseacademic.nic.in/web_material/Manuals/English_12Vol2.pdf</p> <p>Free Reading Tasks.</p> <p>Write a report on a talk on 'Movies and Their Influence on Real Life'</p> <p>Art Integrated project on THE ENEMY</p> <p>SUMMATIVE ASSESSMENT - MONTHLY TEST</p>
6	SEPTEMBER	24	<ul style="list-style-type: none"> POETS AND PANCAKES A ROADSIDE STAND ON THE FACE OF IT ARTICLE WRITING COMPREHENSION (Reading) SPEAKING TEST LISTENING TEST -5 	<p>https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</p> <p>https://www.youtube.com/watch?v=51JRUowYohw&pp=0gcJCa4KAYcqIYzv</p> <p>E-pathshala Learning On The Go</p> <p>https://epathshala.nic.in/</p>	<p>Discuss in class- Disability and Inclusion</p> <p>Worksheet on Article writing (Format, Organisation of Ideas, Content, Accuracy of Spelling and Grammar)</p> <p>Article- Making hard choices in life.</p> <p>Test on factual, descriptive or literary passage-</p>

				<p>Preview: English XII Part-1: Annual Preparatory Programme for Enhancement in Academics and Revision (APPEAR) SWAYAM</p> <p>https://onlinecourses.swayam2.ac.in/e-learning/preview/nce24_sc12</p>	<p>https://cbseacademic.nic.in/web_material/Manuals/English_12Vol2.pdf</p> <p>SUMMATIVE ASSESSMENT-MONTHLY TEST</p>
7	OCTOBER	16	<ul style="list-style-type: none"> • THE INTERVIEW • AUNT JENNIFER'S TIGERS • MEMORIES OF CHILDHOOD -1 • ASL TEST 	<p>https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</p> <p>https://www.youtube.com/watch?v=bVD2F2AeMg0</p> <p>E-pathshala Learning On The Go</p> <p>https://epathshala.nic.in/</p> <p>Preview: English XII Part-1: Annual Preparatory Programme for Enhancement in Academics and Revision (APPEAR) SWAYAM</p> <p>https://onlinecourses.swayam2.ac.in/e-learning/preview/nce24_sc12</p>	<p>Mind Maps & PPTs</p> <p>Conduct interview of a local celebrity.</p> <p>Test on case based passage</p> <p>https://cbseacademic.nic.in/web_material/Manuals/English_12Vol2.pdf</p> <p>SUMMATIVE ASSESSMENT-MONTHLY TEST</p>
8	NOVEMBER	23	<ul style="list-style-type: none"> • MEMORIES OF CHILDHOOD -2 • GOING PLACES • PROJECT 	<p>https://www.youtube.com/watch?v=bVD2F2AeMg0</p> <p>https://diksha.gov.in/resources/play/collection/do_314192874736082944119937?contentType=Collection</p>	<p>Test on factual, descriptive or literary passage-</p> <p>https://cbseacademic.nic.in/web_material/Manuals/English_12Vol2.pdf</p>

					<p>Discussion on Parameters for Overall Assessment of Project-Portfolio/ Project Report</p> <p>PRE-BOARD I –Entire Syllabus</p>
9	DECEMBER	18	<ul style="list-style-type: none"> • REVISION • PROJECT WORK 	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf	<p>PRE-BOARD - II- Entire Syllabus</p>
10	JANUARY	22	<ul style="list-style-type: none"> • REVISION WORK, SAMPLE PAPER PRACTICE • PROJECT SUBMISSION & VIVA 	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf	
11	FEBRUARY	23	<ul style="list-style-type: none"> • REVISION WORK, SAMPLE PAPER PRACTICE • FINAL EXAMINATIONS 		

Hindi Core: 302

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	अप्रैल/ मई	24	1) भक्तिन-महादेवी वर्मा	https://diksha.gov.in/play/content/do_31326715342236876813544	
			2) बाजार दर्शन- जैनेन्द्र	https://diksha.gov.in/play/content/do_3131254442107207681234	
			3) आत्म-परिचय एवं दिन जल्दी जल्दी ढलता है-हरिवंश राय बच्चन	https://diksha.gov.in/play/content/do_313088692846845952148	
			4) पतंग- आलोक धन्वा	https://diksha.gov.in/play/content/do_31326717093098291213612	
			5) अभिव्यक्ति और माध्यम पाठ 3- विभिन्न माध्यमों के लिए लेखन	https://diksha.gov.in/play/content/do_3134998639908126721952 https://diksha.gov.in/play/content/do_31349986443814502411165	
			6) अभिव्यक्ति और माध्यम पाठ4-पत्रकारीय	https://diksha.gov.in/play/content/do_31349993871466496011149 https://diksha.gov.in/play/content/do_31349993666664038411187	

			लेखन के विभिन्न रूप और लेखन प्रक्रिया		
2	जून	7	1) काले मेघा पानी दे- धर्मवीर भारती	https://diksha.gov.in/play/content/do_31326715406944665613557	
			2) कविता के बहाने एवं बात सीधी थी पर-कुंवर नारायण	https://diksha.gov.in/play/content/do_3131150423862722561117	
			3) अभिव्यक्ति माध्यम (पाठ संख्या-5) विशेष लेखन-स्वरूप और प्रकार		
			4) अपठित बोध-गद्यांश		
			5) रचनात्मक लेखन		
3	जुलाई	26	1) सिल्वर वेडिंग-मनोहर श्याम जोशी	https://diksha.gov.in/play/content/do_31310564637974528012678	

			2) पहलवान की ढोलक - फणीश्वर नाथ रेणु	https://diksha.gov.in/play/content/do_31319977588434534413598	
			3) कैमरे में बंद अपाहिज -रघुवीर सहाय	https://diksha.gov.in/play/content/do_3131254763786567681293	
			4) कहानी का नाट्य रूपांतरण		
4	अगस्त	23	1) जूझ-आनंद यादव	https://diksha.gov.in/play/content/do_3131254667526799361296	
			2) उषा-शमशेर बहादुर सिंह	https://diksha.gov.in/play/content/do_3131332321564016641788	
			3) बादल राग-सूर्यकांत त्रिपाठी निराला	https://diksha.gov.in/play/content/do_3131332593384325121758	
			4) फीचर एवं आलेख लेखन पर आधारित प्रश्न		

			5) पत्रकारिता और जन-संचार माध्यमों के लिए लेखन		
			6) अपठित बोध गद्यांश		
4	सितंबर	24	1) अतीत में दबे पाँव-ओम थानवी	https://diksha.gov.in/play/content/do_3133172481876295681867	
			2) शिरीष के फूल-हजारी प्रसाद द्विवेदी	https://diksha.gov.in/play/content/do_31319418594744729612323	
			3) कवितावली एवं लक्ष्मण मूर्च्छा व राम विलाप-गोस्वामी तुलसीदास	https://diksha.gov.in/play/content/do_31326718691469721613692	
			4) कैसे बनता है रेडियो नाटक		
6	अक्टूबर	16	1) श्रम विभाजन और जाति प्रथा एवं मेरी कल्पना का आदर्श	https://diksha.gov.in/play/content/do_31326718878463590413741	

			समाज-डा. भीमराव अंबेडकर		
			2) रुबाइयाँ-फिराक गोरखपुरी	https://diksha.gov.in/play/content/do_3131332612393943041900	
			3) छोटा मेरा खेत चौकोना एवं बगुलों के पंख-उमा शंकर जोशी	https://diksha.gov.in/play/content/do_3131332919510630401977	
			4) नए और अप्रत्याशित विषयों पर लेखन		
7	नवंबर	23	विद्यार्थी सहायक सामग्री द्वारा अभ्यास कार्य पुनरावृत्ति एवं पूर्व बोर्ड परीक्षाओं के लिए तैयारी		
8	दिसंबर	18	विद्यार्थी सहायक सामग्री द्वारा अभ्यास कार्य पुनरावृत्ति एवं पूर्व बोर्ड परीक्षाओं के लिए तैयारी		

9	जनवरी	22	सी.बी.एस.ई. द्वारा निर्देशित आदर्श प्रश्नपत्र का हल, पूर्व बोर्ड परीक्षाओं की गलतियों का सुधार कार्य, प्रत्येक विद्यार्थी को परीक्षा संबंधी समस्याओं के निवारण हेतु प्रयत्न । आंतरिक मूल्यांकन हेतु निर्धारित परियोजना का समर्पण एवं मौखिक परीक्षाओं का आयोजन		
10	फरवरी	23	बार-बार अभ्यास कार्य, मंदग्राही विद्यार्थियों के लिए विशेष उपचारात्मक कार्य		

HISTORY (027)

S.No	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	APRIL/MAY 2024	24	1. Bricks, Beads and Bones The Harappa Civilization 2. Kings, Farmers and Towns Early States and Economies (c.600 BCE600 CE)	https://diksha.gov.in/play/collection/do_3131034754073886721954?contentId=do_31308521697373388811966 TIMELINE, ARCHIEOLOGICAL EVIDENCE https://diksha.gov.in/play/collection/do_3131034754073886721954?contentId=do_3131247851867668481134	Monthly Test
2	JUNE	7	3. Kingship, Caste and class Early Societies (c. 600 BCE600 CE)	https://diksha.gov.in/play/collection/do_3131034754073886721954?contentId=do_31308590899959398411830	Monthly Test
3	JULY	26	4. Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE600 CE) 5. Through the eyes of Travelers Perceptions of Society (c. tenth to seventeenth centuries)	https://diksha.gov.in/play/collection/do_3131034754073886721954?contentId=do_31308591336644608012402 https://diksha.gov.in/play/collection/do_3131034754097315841956?contentId=do_3131028859604746241874	Monthly Test

4	AUGUST	23	6. Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries) 7. An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)	https://diksha.gov.in/play/collection/do_3131034754097315841956?contentId=do_31310292158009344011293 https://diksha.gov.in/play/collection/do_3131034754097315841956?contentId=do_31321678838851174411045	Monthly Test
5	SEPTEMBER	24	8. Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries) 9. Colonialism and The Countryside Exploring Official Archives	https://diksha.gov.in/play/collection/do_3131034754097315841956?contentId=do_313124800572186624155 https://diksha.gov.in/play/collection/do_31310347548031385611332?contentId=do_313232304918994944138	Half Yearly
6	OCTOBER	16	10. Rebels and Raj 1857 Revolt and its Representations 11. Mahatma Gandhi and the National Movement Civil Disobedience and Beyond	https://diksha.gov.in/play/collection/do_31310347548031385611332?contentId=do_313232304631971840138 https://diksha.gov.in/play/collection/do_31310347548031385611332?contentId=do_31321755560043315211544	Monthly Test
7	NOVEMBER	23	12. Framing of the Constitution The Beginning of a New Era PRE-BOARD EXAM-1 REGIONAL LEVEL	https://diksha.gov.in/play/collection/do_31310347548031385611332?contentId=do_31322249564405760014442 Timeline activity of the Constitution development. https://kvsangathan.nic.in/en/knowledge-hub/	Pre Board 1

8	DECEMBER	18	REVISION & MAP WORK OF RELATED THEMES	https://kvsangathan.nic.in/en/knowledge-hub/	Pre Board 2
9	JANUARY	22	REVISION & PROJECT WORK	https://kvsangathan.nic.in/en/knowledge-hub/	
10	FEBRUARY	23	REVISION OF SYLLABUS		

GEOGRAPHY(029)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	APRIL	23	Fundamentals of Human Geography 1. Human Geography : Nature and scope 2. The World Population - distribution, density and growth India : People and Economy 1. Population Distribution Density Growth and	1. Preparation of concept map of the chapter explaining the following: Definition of Human Geography, nature, scope, schools of thought, and branches of Human Geography. 2. ‘Both physical and human phenomena are described in metaphors using symbols from the human anatomy’. Collect such terms and expressions from your own Language. 3. Case Study on determinism and possibilism given in the text book to explain the concept. 4. Mark the ten most populous countries on the world map. 5. Draw a bar diagram showing the population of ten most populous countries using the latest data from live population counter. 6. Consulting a geography dictionary – terms related to population- Birth rate, Death Rate, Migration, sex ratio- https://ncert.nic.in/pdf/publication/otherpublications/tidog101.pdf 7. Students can be asked to find out the density of population of their respective state/district/city. 8. Learners to use School Bhuvan NCERT Web portal to observe thematic maps e.g. the relief map of India and maps showing population density- https://bhuvan-app1.nrsc.gov.in/mhrd_ncert 9. World Population and its elements- Comic Book https://diksha.gov.in/resources/play/collection/do_31321952149309849612945?contentType=TextBook	SLIP TEST /WORKSHEETS/ MONTHLY TEST

			Composition Practical Geography 1. Data-its source and Compilation	10. Graphical representation of population growth phases of India. 11. Learners may be encouraged to consult Census of India website. https://censusindia.gov.in 12. Prepare a choropleth map showing the state wise density of population of India. 13. Prepare a dot map showing the distribution of India's Population	
2	MAY/ JUNE	08	Fundamentals of Human Geography 3. Human Development	1. Enacting a play to show how choices get limited due to lack of capability in areas of income, health care and education. 2. Interview a lady vegetable vendor, cobbler and a sweeper in the community and note how their opportunities were limited because of gender, caste and income. 3. Cartoon(given in the textbook) Analysis- What is meaningful life? 4. The Government of India has introduced Beti Bachao Beti Padhao programme to address the issue of decline in child sex ratio. Discuss with your peers how it will lead to more meaningful life for girls- https://wcd.nic.in/bbbp-schemes 5. Mark the country with the highest and lowest human development index as per the latest human development report https://hdr.undp.org/data-center/human-development-index#/indicies/HDI 6. Brain Storming- India was 126th in Human Development Index as per Human Development Report, 2006. According to HDI report 2020, India's rank has further gone down to 131. 2What could be the reason for India to be behind 130 countries in HDI?	SLIP TEST /WORKSHEETS/ MONTHLY TEST
3	JULY	26	Fundamentals of Human Geography 4. Primary Activities India People and Economy 2. Human Settlements 3. Land Resources	1. Connecting chapter with Bhuvan Map by ISRO https://bhuvan.app1.nrsc.gov.in/mhrd_ncert 2. Human settlement- e comic book https://diksha.gov.in/play/collection/do_3132247024243998721589?contentId=do_3132245109099806721283 3.The students will prepare a line graph to show the growth of urban population in India since 1901. 4. The students will mark and label the million plus cities of all the states on a political map of India.	SLIP TEST /WORKSHEETS/ MONTHLY TEST

			<p>and Agriculture</p> <p>4. Water Resources Practical Geography</p> <p>2. Data Processing</p>	<p>5. Tabular depiction of different crops, required condition for growing and their distribution.</p> <p>6 The students will prepare pie graphs to show the land use categories in 1950-51 and 1914-15.</p> <p>7. Students may be asked to suggest different methods of water conservation by using modern technology.</p> <p>8. Case Study Ralegaon Siddhi https://youtu.be/5nq8wcDyrYQ</p> <p>9. Watershed development- Arvary Pani Sansad https://www.youtube.com/watch?v=N-qlyXE8KFc</p>	
4	AUGUST	23	<p>Fundamentals of Human Geography</p> <p>5. Secondary activities</p> <p>6. Tertiary and Quaternary Activities</p> <p>India People and Economy</p> <p>5. Mineral And Energy Resources</p> <p>6. Planning and Sustainable Development in Indian Context</p>	<p>1. The students can be asked to prepare a sketch, poster, poem or write up about the environmental conditions surrounding an industry. 2. The students can be taken out for a visit to local industry and asked to prepare a report on their observations regarding raw material used, finished product, production process, labour inputs, environmental impact and social responsibility.</p> <p>3. Agri business- https://www.investopedia.com/terms/a/agribusiness.asp</p> <p>4. Prepare a flow chart showing the types of industries on various basis □ Make a list of departmental stores and chain stores that you visit regularly</p> <p>5. Class discussion on: How convenient and beneficial is the fast growing service sector in the world.</p> <p>6. Outsourcing - https://www.investopedia.com/terms/o/outsourcing.asp</p> <p>7. Prepare a table to present the spatial pattern of the following minerals under the given headings: (Properties, Total Reserves, Distribution, Mines)</p> <p>8. Prepare a presentation on the topic ‘Agencies Involved in Mining in India’</p> <p>9. A debate may be organized on topic “ Limit to growth” Indira Gandhi Canal https://www.youtube.com/watch?v=RJAjQgyQwkg</p> <p>10. Indira Gandhi Canal- The beginning stage https://www.youtube.com/watch?v=DMpHyLdLXZ0</p>	<p>SLIP TEST /WORKSHEETS/ MONTHLY TEST</p>

5	SEPTEMBER	24	Fundamentals of Human Geography 7. Transport, Communication and Trade India People and Economy 7. Transport and Communication Practical Geography 3. Graphical representation of Data	1. Students can be asked to do a survey of their class about the means of transport being used by students to reach school. Prepare a Bar diagram with the help of the data collected. 2. Analyse the connection between physical landscape and development of various modes of transport. 3. Suez Canal- https://www.youtube.com/watch?v=nhArtB3JtuE 4. Panama Canal 5. On the world map show Terminal Stations of Transcontinental Railways– Trans-Siberian, Trans Canadian, Trans-Australian Railways. 6. Collect information on Bharatmala and Setubharatam Pariyojana and share it with your peer group. https://www.india.gov.in/spotlight/bharatmala-pariyojana-stepping-stone-towards-new-india 7. Mark and label the major sea ports and airports on an outline map of India. 8. Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia. 9. International Air ports: Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram & Hyderabad. □ Practice Items- Practical 3 https://diksha.gov.in/resources/play/collection/do_31321952149309849612945?contentType=TextBook	SLIP TEST /WORKSHEETS/ MONTHLY TEST
6	OCTOBER	16	Fundamentals of Human Geography 8. International Trade India People and Economy 8. International Trade	1. Discuss: How International trade was carried out in the past vis-a-vis present times. 2. Mark the silk route on the world map .Show the items or commodities exchanged along the routes from various countries. 3. Study the data given on table 8.1 and compare world import and export to calculate balance of trade and analyse its implication. 4 Think of some reasons why dumping is becoming a serious concern among trading nations? 5. Make a list of India’s major trading partners and identify these countries on a world map. 6.Symposium on the role of WTO in modern day international trade	

7	NOVEMBER	23	India People and Economy 9. Geographical Perspective on selected issues and problems Practical Geography 4. Spatial Information Technology	1. List the major sources of water pollution, air pollution, noise pollution and land pollution. 2. Prepare a poster to create awareness about Namami Gange Programme. 3. Namami Gange https://www.youtube.com/watch?v=Crfqx4RB3rg 4. Speak to a rag picker and try to find out what he/she does with the waste. 5. CBSE PREVIOUS QUESTION PAPER- https://www.cbse.gov.in/cbsenew/question-paper.html	SLIP TEST /WORKSHEETS/ MONTHLY TEST
8	DECEMBER	18	Revision Pre Board -1	CBSE PREVIOUS QUESTION PAPER- https://www.cbse.gov.in/cbsenew/question-paper.html	Revision Pre Board -1
9	JANUARY	22	Revision Pre Board 2	CBSE PREVIOUS QUESTION PAPER- https://www.cbse.gov.in/cbsenew/question-paper.html 2. https://surveyofindia.gov.in/pages/physical-map-of-india 3. MAPS(Survey of india)- https://indiamaps.gov.in/	Revision Pre Board -2
10	FEBRUARY	23	Revision Pre Board 3	CBSE PREVIOUS QUESTION PAPER- https://www.cbse.gov.in/cbsenew/question-paper.html 2. https://surveyofindia.gov.in/pages/physical-map-of-india 3. MAPS(Survey of india)- https://indiamaps.gov.in/	Revision Pre Board -3

					Map skill test
3.	July	26	4. Era of one-party dominance 5. Contemporary South Asia 6. Politics of planned development	4. https://diksha.gov.in/play/collection/do_31317212378356121611980?contentId=do_31311779537042636811239 5. https://diksha.gov.in/play/collection/do_31317212378356121611980?contentId=do_313117797249564672162 6. *Flow chart on planning commission and Niti Ayog	Map skill test Monthly Test Slip test Class test Map skill test
4.	August	23	7. India's external relations 8. International Organisations 9. Challenges to and restoration of the congress system	7. *Students will collect information on non-alignment movement. *Preparation of wall paper by students – Topic 1. India's conflict with China and Pakistan 8. https://diksha.gov.in/play/collection/do_31317212364938444812434?contentId=do_3130695955391365121170 9. *Location of assembly election result (1967) on India's political map. * Make a list of slogans coined by political parties. Do you see any similarities between advertisements and manifestoes, slogans and advertisements of political parties? Have a discussion on how price rise affects the political fortunes of the political parties.	Map skill test Monthly Test Slip test Class test Map skill test
5.	September	24	10. The crisis of democratic order	10. *Debate on the topic emergency and its result *Location of Lok Sabha election results on the political map of India. *Mind Map- Crisis of democratic order.	Map skill test Monthly Test Slip test

			<p>11.Security in the Contemporary world</p> <p>12.Regional aspirations</p>	<p>11.*Group discussion on traditional and non-traditional notion of security.</p> <p>*Preparation of flow chart of traditional and non-traditional notion of security.</p> <p>12.https://diksha.gov.in/play/collection/do_31317212378356121611980?contentId=do_31320396874572595213850</p> <p>https://diksha.gov.in/play/collection/do_31317212378356121611980?contentId=do_31321682237409689611049</p>	<p>Class test</p> <p>Map skill test</p>
6.	October	16	<p>13.Recent developments in Indian Politics</p> <p>14.Environmental and natural resources</p>	<p>13.* A detailed study of Members of the 17th Lok Sabha is available on the website of the Lok Sabha (http://loksabha.nic.in).</p> <p>*Compare and contrast the electoral performances of various political parties since 2004. The table given below can be used for this. You can also collect the data about the results from the website of the Election Commission of India (http://eci.nic.in).</p> <p>*Prepare a timeline of the major political events in India since 2004. Share and discuss it in your classroom.</p> <p>*Make a pie chart on party position in 16th Loksabha election.</p> <p>*Collect information on Ayodhya dispute.</p> <p>14.https://diksha.gov.in/play/collection/do_31317212364938444812434?contentId=do_3132097532822323201220</p>	<p>Monthly Test</p> <p>Slip test</p> <p>Class test</p> <p>Map skill test</p>
7.	November	23	<p>15.Globalisation</p>	<p>15.https://diksha.gov.in/play/collection/do_31317212364938444812434?contentId=do_3132097488598138881514</p> <p>https://diksha.gov.in/play/collection/do_31317212364938444812434?contentId=do_3131093221738414081535</p>	<p>Monthly Test</p> <p>Slip test</p> <p>Class test</p> <p>Map skill test</p>

8.	December	18	Revision		
9.	January	22	Revision		
10.	February	23	Revision	(Political Science Study Material 2026-27)	

ECONOMICS(030)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	APRIL / MAY	24	<p>Part A: Introductory Macroeconomics Unit 1: National Income and Related Aggregates</p> <p>What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate Goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model); Methods of calculating National Income - Value-added or Product Method, Expenditure method, Income method.</p> <p>Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP. GDP Deflator GDP and Welfare</p>	<p>1. Teaching Aids</p> <ul style="list-style-type: none"> • PPT Presentation explaining macroeconomics concepts. • Charts and diagrams for: <ul style="list-style-type: none"> ○ Circular Flow of Income (Two sector model) ○ National Income aggregates • Flow charts for methods of calculating National Income. • Graph sheets to explain Real GDP vs Nominal GDP. • Flash cards for economic terms (GDP, GNP, NNP, NDP). • Case study worksheet on GDP and welfare. <p>https://diksha.gov.in/play/collection/do_3131034754331115521988</p> <p>https://diksha.gov.in/play/content/do_31311777356757401611276</p> <p>3. Innovative Practices</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <p>2. Activity Based Assessment</p> <ul style="list-style-type: none"> • Group activity evaluation on Circular Flow of Income. • Presentation on functions of the central bank. • Data interpretation task using GDP statistics.

				<ul style="list-style-type: none"> • Role Play Activity Students act as households and firms to demonstrate Circular Flow of Income. • Group Activity Students classify goods into final goods, intermediate goods, capital goods and consumption goods. • Data Analysis Activity Students study India's GDP data and interpret growth. • Think–Pair–Share Method Students discuss GDP and welfare concept. 	SLIP TEST /WORKSHEETS/ MONTHLY TEST
		<p>Unit 2: Money and Banking</p> <p>Money – meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks.</p> <p>Money creation by the commercial banking system.</p> <p>Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, Cash Reserve Ratio (CRR), Statutory Liquidity Ratio (SLR), Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.</p>	<p>1. Teaching Aids</p> <ul style="list-style-type: none"> • PPT slides on functions of money and banking system. • Banking structure chart explaining role of central bank. • Flow diagram showing Money creation by commercial banks. • Graphical representation of monetary policy tools. <p>https://diksha.gov.in/play/content/do_31307123748991795211773</p> <p>https://diksha.gov.in/play/content/do_31312408864721305611239</p> <p>3. Innovative Practices</p> <ul style="list-style-type: none"> • Simulation Activity Students simulate a bank to understand money creation process. 	<p>1. Oral Assessment</p> <ul style="list-style-type: none"> • Oral questioning to check understanding of meaning and functions of money. • Short discussion on the role of the central bank. <p>2. SLIP TEST /WORKSHEETS/ MONTHLY TEST</p> <p>3. Activity Based Assessment</p>	

				<ul style="list-style-type: none"> • Current Affairs Discussion Discussion on changes in Repo Rate and CRR announced by RBI. • Quiz Competition Using Kahoot or Google Forms on Monetary Policy Tools. • Case Study Impact of monetary policy on inflation and economic growth. 	<ul style="list-style-type: none"> • Case study questions related to monetary policy. • Group discussion on credit control measures. • Concept mapping activity on functions of the central bank.
2	June	7 days	<p>Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:</p> <p>A brief introduction of the state of Indian economy on the eve of independence.</p> <p>Indian economic system and common goals of Five Year Plans.</p> <p>Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade</p>	<p>Teaching Aids</p> <ul style="list-style-type: none"> • PPT Presentation on the Indian economy at the time of independence. • Charts and timelines showing major Five Year Plans. • Maps and diagrams explaining agricultural and industrial development. • Comparison tables for economic conditions before and after 1991 reforms. • Case study sheets on Green Revolution and Industrial Policy. 	<p>SLIP TEST /WORKSHEETS/ MONTHLY TEST</p>

3	July	26 days	<p>Unit 6: Economic Reforms 1991 Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST</p> <p>Unit 4: Government Budget and the Economy- Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; Classification of expenditure – revenue expenditure and capital expenditure. Balanced, Surplus and Deficit Budget – Measures of government deficit.</p>	<p>Teaching Aids</p> <ul style="list-style-type: none"> • PPT presentation explaining LPG policy (Liberalisation, Privatisation, Globalisation). • Charts and diagrams showing changes in Indian economy after 1991 reforms. • Comparison tables of pre-reform and post-reform economic conditions. • Infographics explaining GST and Demonetization. <p>Teaching Aids</p> <ul style="list-style-type: none"> • PPT slides explaining structure of government budget. • Charts and tables showing classification of receipts and expenditure. • Flow diagrams explaining revenue and capital components. • Budget documents examples for real-life understanding. <p>E-Content Links</p> <ul style="list-style-type: none"> • Ministry of Finance India official Union Budget documents • National Council of Educational Research and Training digital textbooks • DIKSHA e-learning resources https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31308784876277760013314 	<p>Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning to check understanding of LPG policy. • Worksheet on concepts of liberalisation, globalisation and privatisation. <p>SLIP TEST /WORKSHEETS/ MONTHLY TEST .</p> <p>Activity Based Assessment</p> <ul style="list-style-type: none"> • Group presentation evaluation on economic reforms. • Student project on globalization and Indian economy.
4	August	23 days	<p>Unit 5: Balance of Payments Balance of payments Account - meaning and components; Balance of payments – Surplus and Deficit</p>	<p>Teaching Aids</p> <ul style="list-style-type: none"> • PPT presentation explaining Balance of Payments and its components. 	<p>Oral questioning on components of Balance of Payments.</p>

			<p>Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system.</p> <p>Unit 7: Current challenges facing Indian Economy Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India</p>	<ul style="list-style-type: none"> • Flow charts and diagrams showing Current Account and Capital Account. • Graphical representation for determination of exchange rate in free market. • Charts comparing fixed and flexible exchange rate systems. <p>Teaching Aids</p> <ul style="list-style-type: none"> • PPT slides explaining human capital formation. • Charts and graphs showing growth of education sector in India. • Statistical tables on literacy rate and education expenditure. • Infographics explaining role of education and health in economic development. <ul style="list-style-type: none"> □ Group discussion on importance of education for economic growth. □ Project work on human capital development in India. □ Data interpretation activity using literacy and education statistics. □ Think–Pair–Share activity on how education improves productivity. <p>https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31311197655386521611106</p>	<p>Worksheet on exchange rate determination.</p> <p>MCQ based class test on BOP concepts.</p> <p style="text-align: center;">SLIP TEST /WORKSHEETS/ MONTHLY TEST</p> <p>Project / presentation evaluation on human capital development.</p>
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5	September	24 days	<p>Unit-7 Current challenges facing Indian Economy continued</p> <p>Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming</p> <p>Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies</p> <p>Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming</p>	<ul style="list-style-type: none"> • PPT presentation explaining rural development, employment and sustainable development. • Charts and graphs showing work force participation rate and employment trends. • Case study sheets on rural credit and cooperative institutions. • Diagrams and infographics explaining organic farming and sustainable development. • Statistical tables on employment structure in India. <p>Group discussion on rural development challenges in India.</p> <p>Case study analysis on cooperative credit institutions.</p> <p>Project work on organic farming and agricultural diversification.</p> <p>Debate activity on employment issues in formal and informal sectors.</p> <p>Environmental awareness activity on sustainable development and global warming.</p>	<p>Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Worksheet on rural development and employment concepts. <p>SLIP TEST /WORKSHEETS/ MONTHLY TEST</p> <p>Activity Based Assessment</p> <ul style="list-style-type: none"> • Project / presentation evaluation on organic farming or sustainable development. • Data interpretation questions on employment statistics.
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6	October	16 days	<p>Unit 3: Determination of Income and Employment Aggregate demand and its components. Propensity to consume and propensity to save (average and marginal). Short-run equilibrium output; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment.</p>	<ul style="list-style-type: none"> • PPT presentation explaining aggregate demand and its components. • Graphs and diagrams to explain equilibrium level of income and output. • Flow charts showing relationship between consumption, saving and investment. • Numerical examples to explain investment multiplier. • Charts illustrating full employment and involuntary unemployment. <p>Innovative Practices</p> <ul style="list-style-type: none"> • Graph drawing activity for equilibrium income determination. • Group problem-solving activity on multiplier numerical questions. • Think–Pair–Share activity on consumption and saving behaviour. • Case discussion on unemployment issues in the economy. • https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_3130881157936087041739 	<ul style="list-style-type: none"> • Oral questioning to assess understanding of aggregate demand and its components. • Worksheet solving on consumption and saving functions. <p>SLIP TEST /WORKSHEETS/ MONTHLY TEST</p> <p>Activity Based Assessment</p> <ul style="list-style-type: none"> • Graph-based questions on equilibrium output. • Case study questions on unemployment and

					employment levels.
7	November	23 days	<p>Unit 3: Determination of Income and Employment CONTD... Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.</p> <p>Unit 8: Development Experience of India: A comparison with neighbours India and Pakistan India and China Issues: economic growth, population, sectorial development and other Human Development Indicators Revision work</p>	<ul style="list-style-type: none"> • PPT presentation comparing economic development of India, Pakistan and China. • Charts and statistical tables showing indicators like GDP growth, population and sectoral contribution. • Maps and graphs explaining economic progress of the three countries. • Comparison tables for Human Development Indicators (HDI, literacy rate, life expectancy). <p>Innovative Practices</p> <ul style="list-style-type: none"> • Group discussion comparing economic development of India, Pakistan and China. • Data interpretation activity using statistical data of the three countries. • Presentation activity where students present sectoral development comparisons. • Revision quiz covering important concepts of the entire syllabus. 	<p>Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during revision sessions. • Worksheet on comparison of development indicators. <p>Pre Board -1</p> <p>Revision Assessment</p> <ul style="list-style-type: none"> • Practice test / sample paper based on CBSE exam pattern. • Chapter-wise quiz for complete syllabus revision. • Previous year question discussion.
8	December	18 Days	Revision work		Pre Board -2
9	JANUARY	22 Days	CBSE PRACTICALS & REVISION WORK		
10	FEBRUARY	23 Days	CBSE EXAMINATION 2026-27		

ACCOUNTANCY (055)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1.	APRIL & MAY	24	<p>PART A - Unit 1: Accounting for Partnership Firms: Partnership: features, Partnership Deed. Provisions of the Indian Partnership Act 1932 in the absence of partnership deed. Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. Past adjustments (relating to interest on capital, interest on drawing, salary and profit-sharing ratio).</p> <p>Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization.</p>	<p>Role Play of students regarding formation of partnership and their agreement based on previous knowledge. PPT, YouTube video. Worksheets Activity based teaching. NCERT Text books PPT, YouTube videos</p> <p>E content and work sheets</p> <p>Teaching Aids:</p> <p>Chart of Key Terms: Capital, drawings, interest, profit-sharing ratio.</p> <p>Comparison Table: Partnership vs Sole Proprietorship.</p> <p>E-Content:</p> <p>Explainer videos on basic terms and profit-sharing calculations. MCQs and quick quizzes on basics (Kahoot/Google Forms).</p> <p>Innovative Practices:</p> <p>Create a Partnership Agreement activity.</p> <p>Role Play: Students act as partners forming a firm</p> <p>https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing</p>	<p>Assessment Method The test may be conducted through:</p> <ul style="list-style-type: none"> • Written exam (offline) • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>

2.	JUNE	7	Accounting for Partnership firms - Reconstitution and Dissolution. Change in the Profit-Sharing Ratio among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet. Admission of a partner - effect of admission of a partner on change in the profit-sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities,	<p>NCERT Text books PPT, YouTube videos E content and work sheets</p> <p>Teaching Aids: Diagrams showing sacrifice/gaining ratio. Step-by-step flowcharts for adjustments.</p> <p>E-Content: Animated videos explaining calculation of new ratios. Practice worksheets with auto-grading.</p> <p>Innovative Practices: Interactive ratio game: Students are given old/new ratios and must calculate adjustments. Group task: Solve real-case-based profit-sharing changes. https://drive.google.com/file/d/1gGzsb95RKRb87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing</p> <p>Teaching Aids: Visual flowchart: Steps involved in admission. Flashcards: Goodwill treatment, revaluation, capital adjustments.</p> <p>E-Content: Simulation video on admitting a new partner. Drag-and-drop activities on journal entries.</p> <p>Innovative Practices: Mock Admission Role Play: Simulate a new partner entering a business. Business Scenario Projects: Groups prepare accounts for a fictional partnership admission. https://diksha.gov.in/play/content/do_3133520024658984961980</p>	<p>Assessment Method The test may be conducted through:</p> <ul style="list-style-type: none"> • Written exam (offline) • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>
3.	JULY	26	Admission continued: treatment of reserves, accumulated profits and losses, adjustment of capital accounts and preparation of	<p>NCERT Text books PPT, YouTube videos, E content and work sheets</p> <p>Teaching Aids: Charts for treatment of goodwill, capital adjustments, and settlement.</p>	<p>Assessment Method The test may be conducted through:</p>

		<p>capital, current account and balance sheet.</p> <p>Retirement and death of a partner: effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account, and balance sheet. Preparation of loan account of the retiring partner. Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account. Dissolution of a partnership firm: meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a</p>	<p>Sample questions on retiring partner account.</p> <p>E-Content: Case-based videos with animation on settlement accounts. Templates for solving revaluation accounts and gaining ratio.</p> <p>Innovative Practices: Timeline Activity: Map steps followed during retirement. Story-based learning: Create a narrative where a partner retires or passes away and apply accounting treatment.</p> <p>https://diksha.gov.in/nios/play/content/do_313253601854668800126944?contentType=eTextBook https://diksha.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQuestionSet</p> <p>Teaching Aids: Flowcharts for order of asset realization and liability settlement. Real-life examples (case studies of dissolved businesses).</p> <p>E-Content: Video tutorials on journal entries and preparation of realization account. Interactive dissolution quiz.</p> <p>Innovative Practices: Classroom Simulation: Enact the process of dissolution with real assets/liabilities. "What Went Wrong?" Analysis: Students study a failed business and report causes and accounting effects</p>	<ul style="list-style-type: none"> • Write n exam (offline) • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>
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			company and insolvency of partner(s)).		
4.	AUGUST	23	Unit-2 Accounting for Companies Accounting for Share Capital · Features and types of companies · Share and share capital: nature and types. Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscription of shares; issued at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash. Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity. Accounting treatment of forfeiture and reissue of shares. Disclosure of share capital in the Balance Sheet of a company	<p>NCERT Text books PPT, YouTube videos E content and work sheets</p> <p>Step-by-step flowcharts: Issue of shares – application, allotment, calls.</p> <p>Table Charts: Terms like authorized, issued, subscribed, called-up, and paid-up capital.</p> <p>Sample Share Application Forms</p> <p>E-Content:</p> <p>Animated videos: Showing the process of share issue, forfeiture, and reissue.</p> <p>Interactive PPTs: Covering journal entries with visual aids.</p> <p>Online quizzes: On concepts like oversubscription, pro-rata allotment, forfeiture.</p> <p>Innovative Practices:</p> <p>Role Play: Simulate a company issuing shares, students take up roles (applicant, company secretary, accountant).</p> <p>Case Study Creation: Let students design a scenario with share issue & forfeiture.</p> <p>https://diksha.gov.in/nios/play/content/do_313253601947410432126948?contentType=eTextBook</p>	<p>Assessment Method The test may be conducted through:</p> <ul style="list-style-type: none"> • Written exam (offline) • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>
5.	SEPTEMBER	24	Unit-2 Accounting for Companies Accounting for Debentures · Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for	<p>NCERT Text books PPT, YouTube videos E content and work sheets</p> <p>Teaching Aids:</p>	<p>Assessment Method The test may be conducted through:</p> <ul style="list-style-type: none"> • Written

		consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security concept, interest on debentures. Writing off discount / loss on issue of debentures	<p>Mind maps: Types of debentures – bearer, convertible, secured, etc.</p> <p>Flowcharts: Issued at par/premium/discount and redeemable at par/premium.</p> <p>Debenture Certificates (sample/mock)</p> <p>E-Content:</p> <p>Video Tutorials: With examples on journal entries and terms used.</p> <p>Google Sheets: Debenture interest calculation templates.</p> <p>Digital Flashcards: Key terms and formats (interest, discount, loss on issue, etc.)</p> <p>Innovative Practices:</p> <p>Debenture Journal Game: Teams solve journal entry puzzles with points awarded.</p> <p>"Debenture Detective" Activity: Students analyze a company's balance sheet to identify debenture-related entries.</p> <p>Company Prospectus Project: Create a mock prospectus that includes debenture issue.</p>	<p>exam (offline)</p> <ul style="list-style-type: none"> • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>
		PART A -PRINCIPLES AND FUNCTIONS OF MANAGEMENT		
		Analysis of Financial Statements: Financial statements of a Company: Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance	<p>Format Charts: Vertical format of Balance Sheet and Statement of P&L (as per Schedule III).</p> <p>Flashcards: Items of assets, liabilities, incomes, and expenses.</p> <p>Mock Annual Report Pages: Highlighting components of real company reports. E-Content:</p>	<p>Assessment Method</p> <p>The test may be conducted through:</p> <ul style="list-style-type: none"> • Written

			<p>Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013) Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations. Tools for Financial Statement Analysis: Comparative statements, common size statements, Ratio analysis, Cash flow analysis.</p>	<p>Interactive Slides: Annotated formats of financial statements.</p> <p>Videos: Explaining the classification of items and structure of company financials.</p> <p>Digital Worksheets: Drag & drop activities to classify balance sheet items.</p> <p>Innovative Practices:</p> <p>Balance Sheet Labelling Game: Students label an unorganized format correctly.</p> <p>Group Activity: Prepare a mock financial statement for a fictional company. Reverse Engineering: Give students a filled statement and ask them to identify how it was prepared.</p> <p>https://diksha.gov.in/play/content/do_3131148305366302721237</p> <p>Teaching Aids:</p> <p>Side-by-side Format Charts: Comparative vs Common Size examples.</p> <p>Case Cards: Containing financial data of 2 years.</p> <p>E-Content:</p> <p>Interactive PPTs: With animation to show horizontal and vertical analysis.</p> <p>Digital Templates: To input and auto-generate commonsize/comparative statements.</p> <p>Innovative Practices:</p> <p>Compare the Brands: Use real financial data (like HUL vs Nestle) and create comparative statements.</p>	<p>exam (offline)</p> <ul style="list-style-type: none"> • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>
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				Common Size Poster Project: Visual display of common size income statement or balance sheet	
6.	OCTOBER	16	Accounting Ratios: Meaning, Objectives, Advantages, classification and computation. · Liquidity Ratios: Current ratio and Quick ratio. · Solvency Ratios: Debt to Equity Ratio, Total Asset to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio. · Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio. · Profitability Ratios: Gross Profit Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.	<p>NCERT Text books</p> <p>PPT, YouTube videos</p> <p>E content and work sheets</p> <p>Teaching Aids:</p> <p>Formula Charts: For liquidity, solvency, activity, and profitability ratios.</p> <p>Flashcards: For interpreting ratios with real-world examples.</p> <p>E-Content:</p> <p>Video Solvers: Walkthroughs of step-by-step calculations.</p> <p>Ratio Practice Tools: Excel-based ratio calculators.</p> <p>Animated Explainers: For visual learners to see what each ratio means in real terms.</p> <p>Innovative Practices:</p> <p>Ratio Relay: Teams solve ratio problems in rounds.</p> <p>"Decode the Company" Challenge: Match a company to a set of ratios.</p> <p>Interactive Ratio Dashboard: Students prepare a dashboard of key ratios from a case.</p> <p>https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing</p>	<p>Assessment Method</p> <p>The test may be conducted through:</p> <ul style="list-style-type: none"> • Written exam (offline) • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>

				<p>PPT, YouTube video.</p> <p>Worksheets</p> <p>Activity based teaching.</p> <p>Specific Project</p>	
7.	NOVEMBER	23	<p>Unit 4: Cash Flow Statement Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only) Note: (i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax. (ii) Bank overdraft and cash credit to be treated as short term borrowings. (iii) Current Investments to be taken as Marketable securities unless otherwise specified. Revision and First Pre board EXAMINATION</p>	<p>Teaching Aids:</p> <p>Cash Flow Tree Diagrams: To show classification of cash flows.</p> <p>Ledger Cards: Showing accounts to decide operating, investing, or financing.</p> <p>E-Content:</p> <p>Solved Examples in Video Format: With explanation of indirect method.</p> <p>Templates in Excel/Google Sheets: For auto-classification and calculation.</p> <p>Interactive Classifier Tools: Drop an item into the correct category.</p> <p>Innovative Practices:</p> <p>"Cash Flow Detective": Students classify each transaction into the correct category.</p> <p>Real Company Exercise: Use actual company reports to trace and prepare a cash flow.</p> <p>Build a Flow Game: Students compete to prepare a correct cash flow statement in teams.</p> <p>Sample Paper issued by CBSE</p>	<p>Assessment Method</p> <p>The test may be conducted through:</p> <ul style="list-style-type: none"> • Written exam (offline) • Online quiz using LMS • Practical accounting worksheet <p>Case-Based Question (Optional)</p>

8.	DECEMBER	18	Revision and 2nd Pre-Board EXAMINATION	https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/Accountancy_SrSec_2025-26.pdf	
9.	JANUARY	22	Revision and Model and Board practical	https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/Accountancy_SrSec_2025-26.pdf https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/AccountancyXII.pdf https://cbseacademic.nic.in/web_material/Circulars/2012/77_Acc_C-12_annexure.pdf	
10.	FEBRUARY	23	Revision & CBSE Practical EXAMINATION		

BUISNESS STUDIES(054)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1.	APRIL & MAY	24	Nature and Significance of Management Principles of Management. Business Environment	<p>Understand the concept of management by students with day-to-day examples and their importance and objectives.</p> <p>Examine the nature of management as a science, art and profession.</p> <p>PPT, YouTube video & Worksheets</p> <p>Understand the role of top, middle and lower levels of management.</p> <p>Discuss the concept and characteristics of coordination among the students by role play</p> <p>Flowcharts and Mind Maps: To explain functions of management.</p> <p>Role Play: Students can enact the roles of different managers.</p> <p>Case Studies: Real-world examples like Apple, Tata Group, etc., to explain management roles and levels.</p> <p>Management Games: Assign students to plan a school event using management principles.</p> <p>Guest Lectures (Virtual/Physical): Invite entrepreneurs or managers.</p> <p>"Be a Manager for a Day" Activity: Let students handle a classroom situation as a manager.</p> <p>https://obj.diksha.gov.in/ntp-content-production/content/assets/do_31308579492049715212848/1252-business-xii-ch1-ep2.mp4</p> <p>Mind map of chapter will help the students to recapitulation</p> <p>Understand the concept of principles of management and explain the significance of management principles.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity <p>4. Online Assessment Tools</p>

				<p>Charts/Table Comparisons: Compare Fayol vs. Taylor.</p> <p>Infographics: Principles of management in simple visual form.</p> <p>Management Principle Cards: Each card has a principle and a real-life scenario for discussion.</p> <p>Newspaper & magazine reading, role play and imagine some changes in the business environment and their effects on the business and individuals and society.</p> <p>Work sheet and MCQ and case study problems to be given to the students.</p> <p>Current Event Boards: Pin news that reflects changes in business environment (political, economic, social, etc.).</p> <p>PESTLE Analysis Charts: Visual representation of business environment components.</p> <p>E-Content:</p> <p>News Clips and Articles: Analyzing events like budget announcements, FDI policies.</p> <p>Interactive PPTs: Include clickable case examples for each environment factor.</p>	
2.	JUNE	7	Planning	<p>Understand the concept of planning. Describe the importance of planning and understand the limitations of planning.</p> <p>Develop an understanding of single use and standing plans by examples</p> <p>Students will Describe objectives, policies, etc</p> <p>Introducing real life Examples and Question answer session</p> <p>Flowcharts/Timelines: Visualize the steps in the planning process.</p> <p>Goal Setting Templates: Use SMART goals worksheets.</p> <p>Case Study: "How a company like Amazon plans its expansion."</p> <p>E-Content:</p> <p>Animated Videos: Illustrating the importance of planning in business success/failure.</p> <p>Google Docs/Slides Collaboration: Students work on creating a plan for a new product launch.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test

				<p>Innovative Practices:</p> <p>Business Plan Activity: Students develop a mini business plan.</p> <p>Scenario Planning Exercise: Give students changing scenarios; they adjust plans accordingly.</p> <p>Vision Board Creation: Aligning planning with goals visually</p>	<ul style="list-style-type: none"> • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity <hr/> <p>4. Online Assessment Tools</p>
3.	JULY	26	Organizing & Staffing	<p>Introducing real life Examples and Question answer session</p> <p>Describe functional and divisional structures of organization with the examples of departments of organization</p> <p>Org Charts (Blank & Filled): Let students create organization charts for imaginary businesses.</p> <p>Role Assignment Game: Allocate roles to demonstrate departmentalization.</p> <p>"Build a Company" Activity: Students decide departments, assign roles, and create an organizational structure.</p> <p>Real-World Org Chart Analysis: Analyze how a real company (like Flipkart) is structured.</p> <p>https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=drivesdk</p> <p>PPT and Digital Content would be shared</p> <p>Interview Role-Plays: Students act as recruiters and candidates.</p> <p>Staffing Lifecycle Diagrams: Visual guides to the staffing process.</p> <p>E-Content:</p> <p>Video Clips: HR interviews, training modules, onboarding practices.</p> <p>Job Portals Analysis: Browse jobs on LinkedIn/Naukri to understand staffing needs.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity

				<p>Innovative Practices:</p> <p>Resume Building Workshop: Students create their own CVs.</p> <p>Mock Interviews: Practice sessions for both interviewers and interviewees.</p> <p>Design a Job Ad: Students create and present ads for different positions.</p>	4. Online Assessment Tools
4.	AUGUST	23	Directing & Controlling	<p>Describe the concept of directing and discuss the importance of directing</p> <p>Hearing motivational speech of different speakers</p> <p>Discussion on leadership skills of Tata</p> <p>Activities for emphasizing the importance of communication</p> <p>Develop an understanding of Maslow’s Hierarchy of needs. Discuss the various financial and non-financial incentives with real life examples</p> <p>Teaching Aids:</p> <p>Communication Flow Charts: To demonstrate types of communication in an organization.</p> <p>Leadership Style Cards: Discuss different styles and match with real-life leaders.</p> <p>E-Content:</p> <p>Motivational Speeches (Videos): e.g., Steve Jobs at Stanford.</p> <p>Leadership Quizzes/Simulations: Assess leadership and communication styles.</p> <p>Innovative Practices:</p> <p>Motivation Toolkit Activity: Groups suggest ways to motivate employees in different scenarios.</p> <p>Team Leadership Challenge: Small teams complete tasks under a "student leader."</p> <p>Explain the concept & importance of controlling.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity <hr/> <p>4. Online Assessment Tools</p>

				<p>Multiple Choice Question should be framed and LSA types given to the students</p> <p>Mind map of chapter will help the students to recapitulation</p> <p>PPT, YouTube video. Worksheets</p> <p>"Quality Check" Activity: Assign students to monitor class activity and give feedback.</p> <p>Budget Control Simulation: Give mock budgets and situations to manage expenses.</p> <p>https://drive.google.com/file/d/1Av11G8zGADd9RNe9qYkdexm_g4HBBDh6/view?usp=share_link</p>	
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PART B – BUSINESS FINANCE AND MARKETING

5.	SEPTEMBER	24	<p>Financial Management</p> <p>Financial Markets</p>	<p>Understand the concept of financial management. Explain the role of financial management in an organisation.</p> <p>Charts of Financial Decisions: Capital budgeting, working capital, financing decisions.</p> <p>Break-even Analysis Diagrams: Visualize cost, revenue, and profit.</p> <p>Capital Structure Cards: Compare equity vs. debt.</p> <p>Interactive PPTs & Animations: Cover concepts like ROI, capital structure, risk-return trade-off.</p> <p>Excel-based Simulations: Show how changes in capital structure affect profitability.</p> <p>YouTube Videos: Real-world examples of business financing decisions.</p> <p>Innovative Practices:</p> <p>Budget Creation Activity: Students make a budget for a small business/startup.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity
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			<p>Case Study: Analyze companies like Zomato, Nykaa to discuss financial decisions.</p> <p>“Shark Tank” Classroom Edition: Students pitch ideas with funding plans.</p> <p>Give the meaning of a stock exchange.</p> <p>Explain the functions of a stock exchange and discuss the trading procedure in a stock exchange by demo class presented by students.</p> <p>Multiple Choice Question should be framed and LSA types given to the students</p> <p>Mind map of chapter will help the students to recapitulation</p> <p>PPT, YouTube video. Work sheet and MCQ and caser study problems to be given to the students</p> <p>Flowcharts: Structure of financial markets – money market vs. capital market.</p> <p>Stock Exchange Simulation Charts: Demonstrate market fluctuation.</p> <p>Bulletin Boards: Display current stock prices and financial news.</p> <p>E-Content:</p> <p>Virtual Stock Market Simulators: Apps/websites like Moneybhai or Investopedia simulator.</p> <p>Video Tutorials: Explaining how stock exchanges like NSE/BSE work.</p> <p>Infographics: About SEBI, stockbrokers, IPOs.</p> <p>Innovative Practices:</p> <p>Mock Stock Trading: Let students “buy/sell” shares in a virtual market.</p>	<hr/> <p>4. Online Assessment Tools</p>
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				<p>News Analysis: Students pick financial headlines and explain their market impact.</p> <p>Role Play: Students act as investors, brokers, regulators, etc.</p>	
6.	OCTOBER	16	<p>Financial Markets contd. Marketing Management</p>	<p>Understand the concept of marketing. Explain the features of marketing and discuss the functions of marketing.</p> <p>Explain the marketing philosophies with examples.</p> <p>Multiple Choice Question should be framed and LSA types given to the students</p> <p>Mind map of chapter will help the students to recapitulation</p> <p>Work sheet and MCQ and caser study problems to be given to the students</p> <p>Teaching Aids:</p> <p>4Ps Poster/Flashcards: Product, Price, Place, Promotion.</p> <p>Product Life Cycle Diagrams: Show stages from introduction to decline.</p> <p>Packaging & Branding Samples: Real or mock product packaging.</p> <p>E-Content:</p> <p>Advertisement Analysis Videos: Break down famous marketing campaigns.</p> <p>PPTs with Brand Case Studies: E.g., Amul, Coca-Cola, Nike.</p> <p>Online Tools: Canva for designing ads and promotional material.</p> <p>Innovative Practices:</p> <p>Ad-Making Competition: Students design and pitch a marketing campaign.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity <hr/> <p>4. Online Assessment Tools</p>

				<p>Product Launch Simulation: Groups create product strategies using the 4Ps.</p> <p>https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=drivesdk</p>	
7.	NOVEMBER	23	<p>Marketing Management contd. Consumer Protection Revision/Project First Pre board EXAMINATION</p>	<p>Understand the concept of consumer protection. Describe the importance of consumer protection. Discuss the scope of Consumer Protection Act, 2019 Examine the remedies available to the consumer under Consumer Protection Act, 2019. And discuss among the students NCERT Text book, PPT, YouTube videos and E content and work sheets Mind map of chapter will help the students to recapitulation Teaching Aids: Consumer Rights Posters: Highlight 6 consumer rights. COPRA Chart: Key provisions of the Consumer Protection Act. Complaint Form Templates: Demo of how to file consumer complaints. E-Content: Documentary Clips: Consumer scams or legal action taken. Interactive Scenarios: "What should the consumer do?" type role-play. NCERT Text book ,PPT, YouTube videos and E content and work sheets Innovative Practices: Mock Consumer Court: Students act out a real or fictional consumer case. Consumer Awareness Campaign: Design posters, slogans, jingles. Street Play or Skit: Depict consumer exploitation and rights.</p>	<p>1. Formative Assessment</p> <ul style="list-style-type: none"> • Oral questioning during classroom discussion. • Short class tests based on conceptual understanding. • Worksheet solving on National Income calculations. • Quiz competition using digital tools. <hr/> <p>2. Written Test</p> <ul style="list-style-type: none"> • MCQ based test • Short answer questions (3–4 marks) <p>3. Activity Based Assessment</p> <ul style="list-style-type: none"> • Case study questions • Group discussion • Concept mapping activity <hr/> <p>4. Online Assessment Tools</p>

				Mind map of chapter will help the students to recapitulation	
8.	DECEMBER	18	Revision and 2nd Pre-Board EXAMINATION	https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf	
9.	JANUARY	22	Revision and Model and Board practical	https://cbseacademic.nic.in/web_material/CurriculumMain26/SrSec/BusinessStudies_SrSec_2025-26.pdf https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf	
10.	FEBRUARY	23	Revision & CBSE Practical EXAMINATION		

PHYSICS(042)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	APRIL/ MAY 26	24	<p>Unit-I : Electrostatics</p> <p>Chapter-1: Electric Charges and Fields</p> <p>Chapter-2: Electrostatic Potential and Capacitance</p> <p>Section A</p> <p>Experiment -1</p> <p>Activity - 1 &2</p>	<p>Lecture on conductors, insulators and charging by induction</p> <p>https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>Video lecture on Electric Potential</p> <p>https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>Diagnostic Test to assess previous knowledge.</p> <p>Class Test / Slip Test on Electric Charges and Fields.</p> <p>Assignment / Worksheet from NCERT Exemplar. (Subject enrichment Test)</p> <p>Monthly Test</p>

			Unit II: Current Electricity Chapter-3: Current Electricity	Exemplar problem NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leep101.pdf	
2	JUN E 26	07	Chapter-3: Current Electricity (Continued..)	Lecture on Wheatstone bridge https://diksha.gov.in/play/content/do_4313342832212992000116757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Numerical problem solving test. Practical record checking. Monthly Test
			Section A Experiment -2		
3	JUL Y 26	26	Unit III: Magnetic Effects of Current and Magnetism Chapter-4: Moving Charges and Magnetism Chapter-5: Magnetism and Matter	Lecture on Magnetic force https://diksha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content NCERT Exemplar problem https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leep104.pdf MCQ/CBQ Problems	MCQ / Case-Based Questions practice. (Competency based questions) Monthly Test

				https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leep105.pdf	
			Section A Experiment -3 Activity - 3		
4	AUG UST - 26	23	Unit IV: Electromagnetic Induction and Alternating Currents Chapter-6: Electromagnetic Induction Chapter-7: Alternating Current	Lecture explaining Lenz's Law https://diksha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Assignment / Worksheet from NCERT Exemplar. (Subject enrichment Test) Periodic Test – I (40 Marks, 1½ Hours).
				Video Lecture on Transformer https://diksha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	
			Unit V: Electromagnetic Waves Chapter-8: Electromagnetic Waves	MCQ https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leep107.pdf	

			Section A Experiment -4 Section B Experiment -1	NCERT exemplar Problem https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leep107.pdf	
5	SEP TEMBER - 26	24	Unit VI: Optics Chapter-9: Ray Optics and Optical Instruments	Lecture video on Simple Microscope https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Assignment / Worksheet from NCERT Exemplar. (Subject enrichment Test)
			Chapter-10: Wave Optics Section B Experiment -2 Activity – 1&2	Short notes on lenses, mirror and characteristics of images http://physics.bu.edu/~duffy/semester2/c28_lenses.html introduction to interference https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Huygens principle https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	Monthly Test

6	OCT OBE R- 26	16	Unit VII: Dual Nature of Radiation and Matter Chapter-11: Dual Nature of Radiation and Matter	http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html deBroglie justification on Bohr's assumption http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html	Assignment / MCQ Test. Periodic Test – II (40 Marks, 1½ Hours).
			Unit VIII: Atoms and Nuclei Chapter-12: Atom Chapter-13: Nuclei	Energy level diagram of H atom. http://physics.bu.edu/~duffy/semester2/c37_energylevels.html	Assignment / MCQ Test.
			Section B Experiment -3 Activity -3		
7	NOV EMBER 26	23	Unit IX: Electronic Devices Chapter-14: Semiconductor Electronics : Materials, Devices, and Simple Circuits	NCERT Exemplar https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/physics/leep107.pdf	Class Test on Semiconductor Electronics . Pre-Board Examination – I.
			Section B Experiment - 4	Choice of experiments & activities may vary according to individual Physics Department of the Vidyalaya.	

				As per CBSE, 4 experiments and 3 activities are to be performed from each section. Total 8 experiments and 6 activities are to be recorded	
8	DEC EMBER- 26	18	Revision for First Pre-Board Examination Remedial Classes,		Support classes for slow bloomers
9	JAN UARY- 27	22	Remedial Classes, Pre-Board -2 Mock Practical		Pre-Board Examination – II.
10	FEB RUARY- 27	23	AISSCE Practical Examination Remedial Classes		Final Practical Examination (External). Support classes for slow bloomers Pre-Board -III (School level)

			<p>1.Effect of concentration and temperature on the rate of reaction between Sodium Thiosulphate and Hydrochloric acid</p>	<p>2)Concept of probability and collision theory on rate of reaction (inter disciplinary approach of Mathematics and chemistry) 3)Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf</p>	
3	July (2026)	26	<p>UNIT 4: d and f BLOCK ELEMENTS (7M)</p> <p>UNIT 5: COORDINATION COMPOUND (7M)</p> <p>Practical: Preparation of Inorganic Compound</p>	<p>1)Use of periodic table to explain position of d and f block elements. 2)Comparative study of lanthanoids and actinoids 3)Mind maps of chemical reactions of KMnO₄ and K₂Cr₂O₇ 4) Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf</p> <p>6) Exemplar NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep509.pdf</p>	<p>Monthly Test</p> <p>Slip Test</p>
4	August (2026)	23	<p>UNIT 6: HALOALKANE and HALOARENE (6M)</p> <p>UNIT 7: ALCOHOL, PHENOL and ETHER (6M)</p> <p>Practical: 1.Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, groups</p>	<p>1) Mind maps of organic reactions 2) Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep510.pdf</p> <p>3)https://diksha.gov.in/play/content/do_31347577187237068811554?refer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>Monthly Test</p>

				<p>4) https://diksha.gov.in/play/content/do_3134757718354575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>5) Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep511.pdf</p> <p>6) MCQ</p> <p>https://diksha.gov.in/play/content/do_313076023111417856110994?ref</p>	Slip Test
5	September (2026)	24	<p>UNIT 8: ALDEHYDE, KETONE and CARBOXYLIC ACID (8M)</p> <p>UNIT 9: AMINE (6M)</p> <p>Practical.</p> <p>Tests for the functional groups present in organic compounds: aldehydic, ketonic, groups and carboxylic acid group.</p>	<p>1) Nucleophilic addition reactions, oxidation and reduction of aldehydes and ketones</p> <p>https://diksha.gov.in/play/content/do_31347577194618880011556?referer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>2) Mind maps of organic reactions</p> <p>3) Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep512.pdf</p> <p>4) 4. Exemplar problems NCERT</p> <p>https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep513.pdf</p> <p>5) MCQ</p>	<p>Monthly Test</p> <p>Slip Test</p>

				https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content	
6	October (2026)	16	AMINE (Continue) UNIT10: BIOMOLECULES(7M) Practical: Chromatography: Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of Rf values	1) https://diksha.gov.in/play/content/do_3134757722716323841172?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 2) https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content 3) Exemplar problems NCERT https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep514.pdf	
7	November (2026)	23	Completion of Investigatory Project Revision for First Preboard.		First Preboard
8	December (2026)	18	Revision for Second Preboard		
9	January (2027)	22	Revision for CBSE Practical		Second Preboard
10	February (2027)	23			CBSE Practical

MATHEMATICS (041)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1.	April and May	24	1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices	https://diksha.gov.in/resources/play/content/do_314470234382417920116621 https://diksha.gov.in/resources/play/content/do_31298622243783475211	Monthly test .
2.	June	7	4.Determinants	https://diksha.gov.in/resources/play/content/do_31298622273691648161	Monthly test .
3.	July	26	5. Continuity and Differentiability. 6. Applications of Derivatives.	https://diksha.gov.in/resources/play/content/do_314475288324956160117039 https://diksha.gov.in/resources/play/content/do_314470221249421312114255	Monthly test.
4.	August	23	7. Integrals. 8. Application of Integrals.	https://diksha.gov.in/resources/play/content/do_314470238981267456116623	Monthly test.

5.	September	24	9.Differential Equations. 10.Vector Algebra.	https://diksha.gov.in/resources/play/content/do_3144306131935068161998 https://diksha.gov.in/resources/play/content/do_314405788602081280121	Monthly test .
6.	October	16	11. Three-Dimensional Geometry 12. Linear Programming Problem.	https://diksha.gov.in/resources/play/content/do_314450405531590656112354	Monthly test.
7.	November	23	13. Probability Revision	https://diksha.gov.in/resources/play/content/do_314470237627957248116622	First Pre-Board Examination
8.	December	18	Revision		Second Pre-Board Examination
9.	January	22	Revision		
10.	February	23		CBSE Board Examination

BIOLOGY(044)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	APRIL-26		<p><u>Unit-VI: Reproduction</u> Chapter-1: Sexual Reproduction in Flowering Plants Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.</p>	<p>Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Art Integrated learning, Videos, Mind maps</p> <p>https://diksha.gov.in/play/content/do_312_9846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dsh</p> <p>https://tr.ee/G7sLq4_JR</p> <p><u>Experiments</u> 1. Prepare a temporary mount to observe pollen germination.</p> <p><u>Spotting</u> 1. Flowers adapted to pollination by different agencies (wind, insects, birds). 2. Pollen germination on stigma through a permanent slide or scanning electron micrograph.</p>	SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice

2	APRIL-26		<p>Chapter-2: Human Reproduction Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis - spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).</p>	<p>https://diksha.gov.in/play/collection/do_31307360996459315213259?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&contentId=do_31308792099179724813145</p> <p>https://tr.ee/G7sLq4_JR</p> <p>Spotting</p> <p>3. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).</p> <p>4. Meiosis in onion bud cell or grasshopper testis through permanent slides.</p> <p>5. T.S. of blastula through permanent slides (Mammalian).</p>	SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice
3	APRIL-26 & MAY-26	24	<p>Chapter-3: Reproductive Health Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).</p>	<p>https://tr.ee/G7sLq4_JR</p> <p>https://diksha.gov.in/play/content/do_31307170881985740811837?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	MONTHLY TEST-1

	Summer Vacation	50 Days	Identification and Preparation of Investigatory Project and its Project Record	Investigatory projects and their Ideas	
4	JUNE, 2026 & July, 2026		<p>Unit-VII Genetics and Evolution</p> <p>Chapter-4: Principles of Inheritance and Variation</p> <p>Heredity and variation: Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.</p>	<p>https://tr.ee/G7sLq4_JR</p> <p>Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom- LAB interaction under Project JIGYASA You tube link: https://diksha.gov.in/play/content/do_31307171083725209611344?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content</p> <p>Spotting</p> <p>6. Mendelian inheritance using seeds of different colour/sizes of any plant.</p> <p>7. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.</p>	SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice

5	July, 2026		Chapter-5: Molecular Basis of Inheritance Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.	https://tr.ee/G7sLq4_JR Videos. https://diksha.gov.in/play/content/do_3131148910893711361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Experiments 4. Prepare a temporary mount of onion root tip to study mitosis.	SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice
6	July, 2026	7 / 26	Chapter-6: Evolution Origin of life; biological evolution and evidences for biological evolution (palaeontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy- Weinberg's principle; adaptive radiation; human evolution.	https://tr.ee/G7sLq4_JR https://diksha.gov.in/play/content/do_31274793146189414414377?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content Spotting 11. Flash cards / models showing examples of homologous and analogous organs.	MONTHLY TEST-2

7	August-26		<p>Unit-VIII: Biology and Human Welfare Chapter-7: Human Health and Diseases Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.</p>	<p>Videos, Field Trips/ Educational tour to nearby places https://tr.ee/G7sLq4_JR https://diksha.gov.in/play/content/do_31307092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p> <p>Spotting 9. Common disease-causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.</p>	<p>SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice</p>
8.	August-26		<p>Chapter-8: Microbes in Human Welfare Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.</p>	<p>https://tr.ee/G7sLq4_JR Videos, Field Trips/ Educational tour to nearby places https://diksha.gov.in/play/content/do_31307092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice</p>
9	August-26	23	<p>Unit-IX Biotechnology and its Applications Chapter-9: Biotechnology - Principles and Processes Genetic Engineering (Recombinant DNA Technology).</p>	<p>https://tr.ee/G7sLq4_JR Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Power Point Presentation, Videos. https://diksha.gov.in/play/content/do_31328291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</p>	<p>MONTHLY TEST-3</p>

				urce%3Dmobile%26utm_campaign%3Ds hare_content Spotting 8. Controlled pollination - emasculation, tagging and bagging.	
10	September, 2026		Chapter-10: Biotechnology and its Applications Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.	https://tr.ee/G7sLq4_JR https://diksha.gov.in/play/content/do_31328291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content Experiment: 5. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, banana etc	SLIP TEST, CHAPTER ENDING TEST, Case Based Question Practice
11	September, 2026	24	<u>Unit-X Ecology and Environment</u> Chapter-11: Organisms and Populations Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution.	https://tr.ee/G7sLq4_JR https://diksha.gov.in/play/content/do_313 Spotting 10. Models specimens showing symbiotic association in lichens, root nodules of leguminous plants, and parasitic mode of nutrition shown by Cuscuta on host.	MONTHLY TEST-4
12	October, 2026	16	Chapter-12: Ecosystem Ecosystems: Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy.	https://tr.ee/G7sLq4_JR https://diksha.gov.in/play/content/do_313 Experiment:	MONTHLY TEST-5

				2. Study the plant population density by quadrat method. 3. Study the plant population frequency by quadrat method.	
13	November, 2026	23	Chapter-13: Biodiversity and its Conservation Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites. <u>REVISION</u>	https://tr.ee/G7sLq4_JR https://diksha.gov.in/play/content/do_313 <ul style="list-style-type: none">• Study tour to Biodiversity hotspots.• Visits and Projects Based on regional biodiversity.	I PRE -BOARD EXAM
14	December, 2026	18	<u>REVISION</u> Error Analysis and Remediation based on PB 1 performance	Remediation based on performance in PB exams.	II PRE -BOARD EXAM
15	January, 2027	22	Error Analysis and Remediation based on PB 2 performance <u>REVISION</u>	Remediation based on performance in PB exams.	
16	February 2027	23	<u>REVISION</u>	CBSE Practical Examination CBSE Examination 2026-2027	

COMPUTER SCIENCE(083)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1.	April-May 2026	24	<u>Unit I: Computational Thinking & Programming – 2</u> Revision of Python topics covered in Class XI. (Introduction, conditional statements, iteration, String, List, Tuple, Dictionary, random module)	1. Python IDEs: Install and use beginner- friendly IDEs like Thonny, IDLE, or Jupyter Notebook. https://ncert.nic.in/textbook.php?lecs1=0-13 2. Python Tutor to visually demonstrate how Python code runs step-by-step.	Monthly Test
2.	June-July 2026	7/26	Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope) Exception Handling: Introduction, handling exceptions using try- except-finally blocks Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths	1. Python IDEs: Install and use beginner- friendly IDEs like Thonny, IDLE, or Jupyter Notebook. 2. Python Tutor to visually demonstrate how Python code runs step-by-step.	Monthly Test

			Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file		
3.	August 2026	23	<p>Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file.</p> <p>CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader(). Data-structure: Stack, operations on stack (push & pop), implementation of stack using list.</p>	<p>1. Python IDEs: Install and use beginner- friendly IDEs like Thonny, IDLE, or Jupyter Notebook.</p> <p>2. Python Tutor to visually demonstrate how Python code runs step-by-step.</p>	Monthly Test
4.	September 2026	24	<p><u>Unit II: Computer Networks</u></p> <p>Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)</p> <p>Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)</p> <p>Transmission media: Wired communication media (Twisted pair cable, Co- axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared</p>	<p>Sample real-life database forms (school records, library system, hospital records)</p> <p>Computer lab with MySQL / SQLite / PostgreSQL installed</p> <p>Projector/Smart Board for live SQL demonstrations</p>	Monthly Test

			<p>waves)</p> <p>Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)</p> <p>Network topologies and Network types: types of networks (PAN,LAN,MAN,WAN),networking topologies (Bus, Star, Tree)</p> <p>Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET,VoIP</p> <p>Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting</p> <p><u>Unit III: Database Management</u></p> <p>Database concepts: introduction to database concepts and its need</p> <p>Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)</p> <p>Structured Query Language: Introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key),create database, use database, show databases, drop database, show tables, create table, describe table, Alter table</p>		
5.	October 2026	16	Select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins:		Monthly Test

			cartesian product on two tables, equi-join and natural join		
6.	November 2026	23	Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications. se of %s format specifier or format() to perform queries		Pre-Board 1
7.	December 2026	18	Comprehensive Revision, Project Completion	https://cbseacademic.nic.in/web_material/SQP/ClassXII_2025_26/ComputerScience-SQP.pdf	
8.	January 2027	22	Comprehensive Revision		Pre Board II/ Practical
9.	February 2027	23	AISSCE Practical Examination and Theory Examination		

ARTIFICIAL INTELLIGENCE (843)

S.No.	Month	No. of working days	Name of the chapter/topic to be covered	Teaching Aids / E-Content Link / Innovative Practices to be Adopted	Assessment / Test / Examination to be Conducted
1	April & May 2026	24	<p>Unit 1: Employability Skills</p> <p>Communication Skills-IV</p> <p>Unit I : Python Programming</p> <ul style="list-style-type: none"> ❖ Recap of NumPy library ❖ Recap of Pandas Library ❖ Importing and Exporting Data between CSV Files and DataFrames ❖ Handling missing value ❖ Linear Regression algorithm 	<p>Role-play activities, DIKSHA portal videos, and communication lab exercises</p> <p>Import and Export Data between CSV Files and DataFrames Implement Linear Regression algorithm on Google Colab or any Python IDE. or any Python IDE</p>	Monthly Test
2	June & July 2026	7 / 26	<p>Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project</p> <ul style="list-style-type: none"> ❖ Introduction to Data Science Methodology ❖ Steps for Data Science Methodology ❖ Model Validation Techniques ❖ Model Performance- Evaluation Metrics <p>Unit 2: Employability Skills</p> <ul style="list-style-type: none"> ❖ Self-Management Skills –IV <p>Unit 2: Unlocking your future in AI</p>	<p>Calculate MSE and RMSE values for the data given using MS Excel</p> <p>Calculate Precision, Recall, F1 score, and Accuracy from the given confusion matrix</p> <p>Python Code to Evaluate a Model</p> <p>Role-play activities, DIKSHA portal videos, and communication lab exercises</p>	Monthly Test

			<ul style="list-style-type: none"> ❖ The Global Demand ❖ Some Common Job Roles In AI ❖ Essential Skills and Tools for Prospective AI Careers ❖ Opportunities in AI across Various Industries <p>Unit 3: Making Machines See</p> <ul style="list-style-type: none"> ❖ How Machines See ❖ Working of Computer Vision ❖ Computer Vision Process ❖ Applications of Computer Vision ❖ Challenges of Computer Vision ❖ The Future of Computer Vision 	<p>Binary Art - Recreating Images with 0s and 1s</p> <p>Creating a Website Containing an ML Model</p>	
2	August 2026	23	<p>Unit 3: Employability Skills</p> <ul style="list-style-type: none"> ❖ ICT Skills –IV <p>Unit 4: AI with Orange Data Mining Tool</p> <ul style="list-style-type: none"> ❖ What is Data Mining? ❖ Introduction to Orange Data Mining Tool ❖ Beneficiaries of Orange data mining ❖ Getting started with Orange tool ❖ Components of Orange ❖ Default Widget Catalogue 	<p>Role-play activities, DIKSHA portal videos, and communication lab exercises</p> <p>Load and visualize the Iris dataset using Scatter Plot and other widgets.</p> <p>Use classification widgets</p> <p>Evaluating the Classification Model with Orange</p> <p>Computer Vision with Orange</p>	Monthly Test

			<ul style="list-style-type: none"> ❖ Key domains of AI with ORANGE DATA MINING Tool <p>Unit 5: Introduction to Big Data and Data Analytics</p> <ul style="list-style-type: none"> ❖ Introduction to Big Data ❖ Types of Big Data ❖ Advantages and Disadvantages of Big Data 	<p>Natural Language Processing with Orange</p> <p>Performing Big Data analytics with Orange Data mining tool.</p>	
3	September 2026	24	<ul style="list-style-type: none"> ❖ Characteristics of Big Data ❖ Big Data Analytics ❖ Working on Big Data Analytics ❖ Mining Data Streams ❖ Future of Big Data Analytics <p>Unit 4: Employability Skills</p> <ul style="list-style-type: none"> ❖ Entrepreneurial Skills-IV <p>Unit 6: Understanding Neural Networks</p> <ul style="list-style-type: none"> ❖ Parts of a Neural Network ❖ Components of a Neural Network ❖ Working of a Neural Network ❖ Types of Neural Networks ❖ Future of Neural Networks and Societal Impact 	<p>Role-play activities, DIKSHA portal videos, and communication lab exercises</p> <p>Explore Machine Learning for Kids to create a neural network for identifying animals and birds.</p> <p>Build a Tensor Flow model to convert Celsius to Fahrenheit</p>	Monthly Test
4	October 2026	16	<p>Unit 7: Generative AI</p> <ul style="list-style-type: none"> ❖ Introduction to Generative AI ❖ Working of Generative AI 	<p>Signing up for Canva Activity. Animaker's AI Video Generation tool.</p>	Monthly Test

			<ul style="list-style-type: none"> ❖ Generative and Discriminative models ❖ Applications of Generative AI ❖ LLM- Large Language Model ❖ Future of Generative AI ❖ Ethical and Social Implications of Generative AI <p>Unit 5: Employability Skills Green Skills -IV</p>	<p>Use Google Gemini to craft prompts and generate text outputs.</p> <p>Explore ChatGPT for conversational text generation and creative tasks.</p> <p>Write Python code to initialize the Gemini API</p> <p>Role-play activities, DIKSHA portal videos, and communication lab exercises</p>	
5	November 2026	23	<p>Unit 8: Data Storytelling</p> <ul style="list-style-type: none"> ❖ Introduction to Storytelling ❖ Elements of a Story ❖ Introduction to Data Storytelling ❖ Why is Data Storytelling Powerful? ❖ Essential Elements of Data Storytelling ❖ Narrative Structure of a Data Story (Freytag’s Pyramid) ❖ Types of Data and Visualizations for Different Data ❖ Steps to Create a Story Through Data ❖ Ethics in Data Storytelling 	Create an effective data story using given data.	Pre-Board 1
6	December 2026	18	Comprehensive Revision, Project Completion		Monthly Test
7	January 2027	22	Comprehensive Revision, Project Completion		Pre-Board 1
8	February 2027	23	AISSCE Practical Examination and Theory Examination		

SUBJECT: IP (065)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content /Innovative practices to be adopted	Test/examination to be conducted
1	April	23	<u>Unit 1: Data Handling using Pandas -I</u> Introduction to Python libraries- Pandas, Matplotlib; Data structures in Pandas - Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value;	<ul style="list-style-type: none"> • Smart board + live Python coding demonstration (Jupyter Notebook/IDLE/Google Colab) • Visual charts showing Series structure (index + values) • Hands-on lab activity: Creating Series from list, dictionary, scalar • Peer learning: Students predict output before execution 	Monthly Test
2	May-June	08	mathematical operations; head() and tail() functions; Selection, Indexing and Slicing.	<ul style="list-style-type: none"> • Live demonstration of operations on Series • Worksheet with practice questions • Error-finding activity (debugging code) 	Monthly Test
3	July	26	Data Frames: creation- from dictionary of Series, list of dictionaries, Text/CSV files, display; iteration; Operations on rows and columns: add, select, delete, rename; head and tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting - Data between CSV files and Data Frames Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.	<ul style="list-style-type: none"> • Demonstration of DataFrame creation methods • Students analyze real datasets (school results, sports stats) • Visualization project: Create bar, line, histogram plots • Interactive notebooks shared via Google Classroom https://colab.research.google.com/github/cs231n/cs231n.github.io/blob/master/python-colab.ipynb 	Monthly Test
4	August	23	<u>Unit 2: Database Query using SQL</u> Revision of database concepts and SQL commands covered in class XI Math functions: POWER (), ROUND (), MOD(). Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (),	<ul style="list-style-type: none"> • Computer lab with MySQL / SQLite • Demonstration of SQL commands using sample database • Hands-on query writing practice • Query prediction exercises (output-based learning) 	Monthly Test

			LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join	<ul style="list-style-type: none"> • Online SQL simulators (SQLZoo, W3Schools) 	
5	September	24	Unit 3: Introduction to Computer Networks Introduction to networks, Types of network: PAN, LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh.	<ul style="list-style-type: none"> • Charts/models of network types (PAN, LAN, MAN, WAN) • Physical demonstration using school network setup • Identify network devices in school/home 	Monthly Test
6	October	16	Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies	<ul style="list-style-type: none"> • Demonstration of URL structure and DNS using browser • Comparison of static vs dynamic websites • Activity: Identify parts of a webpage • Hands-on exploration of browser settings & extensions 	Monthly Test
7	November	23	Unit 4: Societal Impacts: Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.	<ul style="list-style-type: none"> • Case studies on cybercrime incidents • Role-play: Cyber safety scenarios • Poster-making on digital citizenship • Discussion on IT Act & cyber laws • Awareness videos on phishing, hacking, cyberbullying 	Monthly Test
8	December	18	Comprehensive Revision and project completion		Pre-Board 1
9	January	22	Comprehensive Revision		Pre-Board 2
10	February	23	Comprehensive Revision, AISSCE Practical Examination, CBSE Exams		