

## 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	JUNE	7	<ul style="list-style-type: none"> <li>• Introduction &amp; Bridging Syllabus/Curriculum, question Paper Pattern</li> <li>• Classified Advertisement</li> <li>• Tenses</li> </ul>	<a href="https://diksha.gov.in/">https://diksha.gov.in/</a>	Worksheet on Tenses Worksheet on Classified Advertisements
2	JULY	26	<ul style="list-style-type: none"> <li>• The Portrait of a Lady</li> <li>• A Photograph</li> <li>• The Summer of the Beautiful White Horse</li> <li>• Reading Comprehension Passage (Factual)</li> <li>• Poster Writing</li> <li>• Note Making &amp; Summarization</li> <li>• Transformation of Sentences (Active/ Passive Voice)</li> <li>• ASL</li> </ul>	<a href="https://epathshala.nic.in/QR/?id=11073CH01">https://epathshala.nic.in/QR/?id=11073CH01</a> <a href="https://diksha.gov.in/play/collection/do_314193436333531136120488?contentId=do_3132323182356070401123">https://diksha.gov.in/play/collection/do_314193436333531136120488?contentId=do_3132323182356070401123</a> <a href="https://diksha.gov.in/play/collection/do_314193436333531136120488?contentId=do_3132323182356070401123">https://diksha.gov.in/play/collection/do_314193436333531136120488?contentId=do_3132323182356070401123</a> (The Summer of the Beautiful...) Mind Maps, Worksheets & PPTs Worksheets <a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3132117324646891521141">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3132117324646891521141</a> (Note-Making)	<a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313068975747481600111214">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313068975747481600111214</a> (the portrait... activity & worksheet) <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31306882933877145618899">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31306882933877145618899</a> (The summer of ... Practice question set) Poster making activity  PERIODIC TEST - I

3	AUGUST	23	<ul style="list-style-type: none"> <li>We're not Afraid to die..if we can all be together</li> <li>The Laburnum Top(poem)</li> <li>The Address</li> <li>Speech Writing</li> <li>Clauses</li> <li>Reading Comprehension Passage(Descriptive, factual and literary)</li> </ul>	<p><a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31378155497698099211024">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31378155497698099211024</a> (We're not afraid.....) <a href="https://epathshala.nic.in/QR/?id=11072CH02">https://epathshala.nic.in/QR/?id=11072CH02</a> <a href="https://epathshala.nic.in/QR/?id=11073CH02">https://epathshala.nic.in/QR/?id=11073CH02</a> <a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3137836328461352961146">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3137836328461352961146</a> (The Laburnum Top)</p> <p>Mind Maps &amp; PPTs <b>INNOVATIVE PRACTICE:</b> <b>Adventure Simulation:</b> Students design a survival plan for a sea journey.</p>	
4	SEPTEMBER	24	<ul style="list-style-type: none"> <li>Discovering Tut..the Saga Continues..</li> <li>The Voice of the Rain</li> <li>Mother's Day</li> <li>Debate Writing</li> <li>Transformation of Sentences(Do as Directed)</li> </ul>	<p>Mind Maps &amp; PPTs <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31379725460236697611059">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31379725460236697611059</a> (Mother's Day) INNOVATIVE PRACTICE <b>News Report Writing:</b> Students report the discovery of Tut's tomb. <b>Concept Map</b> on Water Cycle. <b>Drama Enactment:</b> Perform a short scene from the play</p>	<p><a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313076753223950336111229">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313076753223950336111229</a> (Discovering Tut.....worksheet) <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31309158276813619211243">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31309158276813619211243</a> (Mother's Day-Practice Question set) Competency Based Questions-MCQ,Short Answer Question <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31309158276813619211243">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31309158276813619211243</a></p>

					(Mother's Day-Practice Question set)
5	OCTOBER	16	<ul style="list-style-type: none"> <li>• The Adventure</li> <li>• Childhood</li> <li>• Reading Comprehension (Case-Based)</li> <li>• Reordering of Sentences</li> <li>• Gap Filling</li> <li>• ASL</li> </ul>	<a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31321811211887411212358">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31321811211887411212358</a>  INNOVATIVE Practice <b>Alternate History Activity:</b> Students imagine a different historical outcome.  <b>Map Activity:</b> Locate the route of the voyage on a world map. <b>Identify</b> words that create sound imagery.	<a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3130695488336691201100">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3130695488336691201100</a>  <a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31310933407344230413358">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31310933407344230413358</a>  (The Adventure Practice test, MCQ Test)  HALF-YEARLY EXAMINATION
6	NOVEMBER	23	<ul style="list-style-type: none"> <li>• Silk Road</li> <li>• Birth</li> <li>• Grammar Practice</li> <li>• Reading Comprehension Practice</li> <li>• ASL and PROJECT</li> </ul>	<a href="http://epathshala.nic.in/QR/?id=11072CH08">http://epathshala.nic.in/QR/?id=11072CH08</a> <a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313178508613115904169">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313178508613115904169</a> <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_3137972405869936641485">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_3137972405869936641485</a>  <b>INNOVATIVE PRACTICE:</b>  <b>- Travel Blog Writing. -Map Exploration Activity (Locate Tibet &amp; Himalayan region).</b>	<a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313069528184725504181">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_313069528184725504181</a> (Silk Road- Practice test) <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_3130915796432404481735">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_3130915796432404481735</a> (Birth-Practice question set)

7	DECEMBER	18	<ul style="list-style-type: none"> <li>• Father to Son.</li> <li>• Reading Comprehension Practice Classified Advertisement</li> <li>• PROJECT WORK</li> </ul>	<p><a href="http://epathshala.nic.in/QR/?id=11072CH08">http://epathshala.nic.in/QR/?id=11072CH08</a>  <a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31378162835057049611244">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_31378162835057049611244</a>  (Father to Son)</p> <p>NCERT ePathshala  <a href="https://epathshala.nic.in">https://epathshala.nic.in</a></p> <p><b>INNOVATIVE PRACTICE:</b></p> <p><b>Reflective Writing:</b> Students write about when they felt they grew up.  <b>Group Discussion on generation gap.</b></p>	<p><a href="https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3130885924362403841426">https://diksha.gov.in/play/collection/do_31310347526558515211068?contentId=do_3130885924362403841426</a></p> <p>(Father to Son- Practice question set, mcq)</p>
8	JANUARY	22	<ul style="list-style-type: none"> <li>• The Tale of Melon City</li> <li>• Writing Skill Practice</li> <li>• Reading Comprehension Practice</li> <li>• Note Making Practice</li> <li>• PROJECT WORK</li> </ul>	<p>NCERT ePathshala  <a href="https://epathshala.nic.in">https://epathshala.nic.in</a></p> <p><a href="http://epathshala.nic.in/QR/?id=11073CH08">http://epathshala.nic.in/QR/?id=11073CH08</a>  <a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31322815959532339211808">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_31322815959532339211808</a>  (The Tale of Melon City)  Innovative Practices  <b>Mock Court Activity</b> about justice and governance.</p>	<p><a href="https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_3130915837770956801598">https://diksha.gov.in/play/collection/do_31310347526832128011481?contentId=do_3130915837770956801598</a></p> <p>(The Tale of Melon City-Long answer question)</p> <p>PERIODIC TEST -2</p>

9.	FEBRUARY	23	<ul style="list-style-type: none"> <li>• ASL Project &amp; Viva</li> <li>• Full Course Revision for SEE</li> <li>• Writing Skills Revision</li> <li>• Grammar Practice</li> </ul>	NCERT ePathshala <a href="https://epathshala.nic.in">https://epathshala.nic.in</a>	Sample papers solution practice
10	MARCH	23	SESSION ENDING EXAMINATION		

## 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	जून	7	1) कबीर-पहला पद	<a href="https://diksha.gov.in/play/content/do_31315453290251059212471">https://diksha.gov.in/play/content/do_31315453290251059212471</a>	
			2) मीरा- पहला पद	<a href="https://diksha.gov.in/play/content/do_31313824387284992013331">https://diksha.gov.in/play/content/do_31313824387284992013331</a>	
			3) अभिव्यक्ति और माध्यम पाठ 1 -जनसंचार माध्यम	<a href="https://diksha.gov.in/play/content/do_3134991511406592001167">https://diksha.gov.in/play/content/do_3134991511406592001167</a>	
			4) अभिव्यक्ति और माध्यम पाठ 2-पत्रकारिता के विविध आयाम	<a href="https://diksha.gov.in/play/content/do_3134991291199488001159">https://diksha.gov.in/play/content/do_3134991291199488001159</a>	
2	जुलाई	26	1) नमक का दरोगा-प्रेमचंद	<a href="https://diksha.gov.in/play/content/do_3131155195458191361422">https://diksha.gov.in/play/content/do_3131155195458191361422</a>	
			2) मियां नसीरुद्दीन-कृष्णा सोबती	<a href="https://diksha.gov.in/play/content/do_31317222612344832012427">https://diksha.gov.in/play/content/do_31317222612344832012427</a>	
			3) भारतीय गायिकाओं में बेजोड़ लता मंगेशकर-कुमार गन्धर्व	<a href="https://diksha.gov.in/play/content/do_31310563732802764813118">https://diksha.gov.in/play/content/do_31310563732802764813118</a>	

			4) औपचारिक पत्र लेखन		
3	अगस्त	23	1) डायरी लेखन		
			2) कथा पटकथा लेखन		
			3) स्ववृत्त लेखन		
			4) अपु के साथ ढाई साल-सत्यजीत रे	<a href="https://diksha.gov.in/play/content/do_31316864465983078411070">https://diksha.gov.in/play/content/do_31316864465983078411070</a>	
			5) विदाई संभाषण-बालमुकुन्द गुप्त	<a href="https://diksha.gov.in/play/content/do_31313327492000972811401">https://diksha.gov.in/play/content/do_31313327492000972811401</a>	
			5) विदाई संभाषण-बालमुकुन्द गुप्त	<a href="https://diksha.gov.in/play/content/do_31313896147599360013592">https://diksha.gov.in/play/content/do_31313896147599360013592</a>	
4	सितंबर	24	1) गलता लोहा-शेखर जोशी		
			2) घर की याद-भवानी प्रसाद मिश्र	<a href="https://diksha.gov.in/play/content/do_31310562541273907212407">https://diksha.gov.in/play/content/do_31310562541273907212407</a>	
			3) चंपा काले काले अच्छर नहीं चीन्हती-त्रिलोचन	<a href="https://diksha.gov.in/play/content/do_3131545430744760321993">https://diksha.gov.in/play/content/do_3131545430744760321993</a>	
			4) अपठित गद्यांश (अभ्यास)		
			5) अपठित पद्यांश (अभ्यास)		
5	अक्टूबर	16	1) गजल-दुष्यंत कुमार	<a href="https://diksha.gov.in/play/content/do_3131828893969694721919">https://diksha.gov.in/play/content/do_3131828893969694721919</a>	

			2) राजस्थान की रजत बूँदें-अनुपम मिश्र	<a href="https://diksha.gov.in/play/content/do_3133570256178872321637">https://diksha.gov.in/play/content/do_3133570256178872321637</a>	
			3) रोजगार सम्बन्धी आवेदन पत्र		
			4) नए और अप्रत्याशित विषयों पर लेखन-रचनात्मक लेखन		
6	नवंबर	23	1) हिंदी शब्दकोश		
			2) सन्दर्भ ग्रंथों की उपयोगिता एवं परिचय		
			3) कार्यालयी लेखन प्रतिवेदन, परिपत्र, प्रेस विज्ञप्ति, कार्यवृत्त इत्यादि		
7	दिसंबर	18	1) रजनी-मन्नू भंडारी	<a href="https://diksha.gov.in/play/content/do_3131529901487063041399">https://diksha.gov.in/play/content/do_3131529901487063041399</a>	
			2) जामुन का पेड़-कृष्णचंदर	<a href="https://diksha.gov.in/play/content/do_31315876778940825611167">https://diksha.gov.in/play/content/do_31315876778940825611167</a> <a href="https://diksha.gov.in/play/content/do_31315877200421683211765">https://diksha.gov.in/play/content/do_31315877200421683211765</a>	
			3) हे भूख मत मचल- अक्क महादेवी	<a href="https://diksha.gov.in/play/content/do_3131686953322004481906">https://diksha.gov.in/play/content/do_3131686953322004481906</a>	
			4) हे मेरे जूही के फूल जैसे ईश्वर- अक्क महादेवी	<a href="https://diksha.gov.in/play/content/do_3131686953322004481906">https://diksha.gov.in/play/content/do_3131686953322004481906</a>	

			5) सबसे खतरनाक-अवतार सिंह पाश	<a href="https://diksha.gov.in/play/content/do_31315456064179404811696">https://diksha.gov.in/play/content/do_31315456064179404811696</a>	
8	जनवरी	22	1) आलो आंधारि-बेबी हालदार		
			2) आओ मिलकर बचाएं-निर्मला पुतुल	<a href="https://diksha.gov.in/play/content/do_31316869842197708811132">https://diksha.gov.in/play/content/do_31316869842197708811132</a>	
			3) भारत माता-जवाहर लाल नेहरू		
9	फरवरी	23	सी.बी.एस.ई. द्वारा निर्देशित आंतरिक मूल्यांकन हेतु निर्धारित परियोजना का समर्पण एवं श्रवण -वाचन गतिविधि का आयोजन  ,पुनरावृत्ति कार्य		
	मार्च	23	वार्षिक परीक्षा		

## 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	JUNE	7	Introduction to world History , Theme 1: from the Beginning of time	<a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_312985620762402816181">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_312985620762402816181</a>  <b>PPT presentation,</b>	Oral questions, worksheet
2	JULY	26	Theme 2 – Writing and City Life	<a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3130879718174310401153">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3130879718174310401153</a>  To use a table to bring out the connection between city life and culture of contemporary civilizations.	Class test and notebook checking
3	AUGUST	23	Theme 3 – An Empire Across Three Continents (Roman Empire)	Use of maps to facilitate an easier comprehension of the changing dynamics of political history <a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3131310131888046081283">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3131310131888046081283</a>  Map work of Roman Empire, documentary clips, smart board presentation	Periodic Test 1
4	SEPTEMBER	24	Theme 5 – Nomadic Empires (The Mongols)	Discussion on the life of pastrolist society <a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3131006131187957761494">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3131006131187957761494</a>	Class test and notebook checking

				<a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3131006131187957761494">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_3131006131187957761494</a> Map activity, role play, PPT on Genghis Khan and Mongol expansion	
5	OCTOBER	16	Theme 6 – The Three Orders (Feudal Society in Europe)	<b>Concept mapping, chart preparation, peer learning</b> <a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_31309934606407270411009">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_31309934606407270411009</a>	Half Yearly
6	NOVEMBER	23	Theme 7 – Changing Cultural Traditions (Renaissance in Europe)	<b>Biography study, video lecture, group presentation</b> <a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_431359535509117337611663">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_431359535509117337611663</a>	Class Test
7	DECEMBER	18	Theme 10 – Displacing Indigenous Peoples	<a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_431359535509120614411666">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_431359535509120614411666</a>	Periodic test 2
8	JANUARY	22	Theme 11 – Paths to Modernisation (China & Japan)	<a href="https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_431359535509122252811667">https://diksha.gov.in/play/collection/do_31310347529740288011072?contentId=do_431359535509122252811667</a>	Class test / assignment
9	FEBRUARY	23	Revision of All Themes	<a href="https://kvsangathan.nic.in/en/knowledge-hub/">https://kvsangathan.nic.in/en/knowledge-hub/</a>	Pre-Annual Test
10	MARCH	23		<a href="https://kvsangathan.nic.in/en/knowledge-hub/">https://kvsangathan.nic.in/en/knowledge-hub/</a>	Session Ending Exam

• **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	-			
2	JUNE	07	Fundamentals of Physical Geography 1. Geography as a discipline	1. Make a table of branches of physical and human geography. 2. Watch videos of theories (Big Bang etc.) in the class room through projector. 3. E-CONTENT- <a href="https://drive.google.com/file/d/1-scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view">https://drive.google.com/file/d/1-scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view</a> 4. <a href="https://surveyofindia.gov.in/pages/physical-map-of-india">https://surveyofindia.gov.in/pages/physical-map-of-india</a>	SLIP TEST /WORKSHEET/ MONTHLY TEST
3	JULY	26	India- Physical Environment 1. India-location Fundamentals of Physical Geography 2.The origin and evolution of the earth 3. Interior of the earth 4. Distribution of oceans and continents	1. On a political map of India mark and label the states and UTs. <a href="https://pib.gov.in/PressReleseDetailm.aspx?PRID=1590112">https://pib.gov.in/PressReleseDetailm.aspx?PRID=1590112</a> <a href="https://www.youtube.com/live/SldCbS_xaWo?si=qa3v2kgQ8btgOti">https://www.youtube.com/live/SldCbS_xaWo?si=qa3v2kgQ8btgOti</a> 3. Tectonic plates	SLIP TEST /WORKSHEET/ MONTHLY TEST
4	AUGUST	23	India- Physical Environment 2. India-structure and physiography Fundamentals of Physical	1. Identify the physiographic and geological region you live in. Discuss the impact of physiography on the development of your region. 2. On an outline map of India mark and label the physiographic divisions	<b>PERIODIC TEST 1</b>

			<p>Geography</p> <p>5. Geomorphic processes</p> <p>6. Landforms and their evolution</p> <p>Practical Work In Geography (Part-1)</p> <p>1. Introduction to Maps</p>	<p>of India.</p> <p>3. Prepare a concept map to show different Exogenic and Endogenic Processes.</p> <p>4. Students will prepare concept map on denudational processes.</p> <p>5. Study types of weathering: Physical, Chemical, Biological and understanding their importance for human being.</p> <p>6. Study types of mass movements and prepare a mind map.</p> <p>6. MAPS- <a href="https://surveyofindia.gov.in/pages/physical-map-of-india">https://surveyofindia.gov.in/pages/physical-map-of-india</a></p>	
<b>5</b>	<b>SEPTEMBER</b>	<b>24</b>	<p>India- Physical Environment</p> <p>3. India-drainage system</p> <p>Fundamentals of Physical Geography</p> <p>7. Composition and structure of atmosphere</p> <p>Practical Work In Geography (Part-1)</p> <p>2. Map Scale</p> <p>3. Latitude, Longitude and Time</p>	<p>1. Draw diagrams of different types of rainfall.</p> <p>2. On a world map mark and label areas of heavy, moderate, low and inadequate rainfall.</p> <p>3. Classify climate based on various schemes by Koeppen with the help of a mind map.</p>	<b>SLIP TEST /WORKSHEET/ MONTHLY TEST</b>
<b>6</b>	<b>OCTOBER</b>	<b>16</b>	<p>Fundamentals of Physical Geography</p> <p>8. Solar radiation, heat balance and temperature India- Physical Environment</p> <p>4. Climate</p>	<p>1. Students to learn about the three different modes of heat transfer—convection, conduction, radiation— with the help of an activity and how they are related to the Sun and life on our planet.</p> <p>2. Draw a diagram to show the passage of solar radiation through the atmosphere.</p> <p>3. Study the figure 9.4 and 9.5 and write the distribution of surface temperature in the month of January and July.</p> <p>4. Students to mark and label the hottest, coldest, driest and</p>	

				wettest place in India. (on a political map). 5. Students should be made to understand Air Quality Index.	
7	NOVEMBER	23	Fundamentals of Physical Geography 9. Atmospheric circulation and weather system India- Physical Environment 5. India-natural vegetation	1.To mark all major types of forests on a map of India. 2. Class can be divided into groups to collect information about people's (common man) participation in the conservation of forests and wildlife. 3. MAPS- <a href="https://surveyofindia.gov.in/pages/physical-map-of-india">https://surveyofindia.gov.in/pages/physical-map-of-india</a> 4. KVS-STUDY METERIAL *- E-CONTENT- <a href="https://drive.google.com/file/d/1-scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view">https://drive.google.com/file/d/1-scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view</a>	Half yearly examination
8	DECEMBER	18	Fundamentals of Physical Geography 10. Water in the atmosphere 11. World climate and climate change Practical Work In Geography (Part-1) 4. Map Projections	1. Draw diagrams of different types of rainfall. 2. On a world map mark and label areas of heavy, moderate, low and inadequate rainfall. 3. Classify climate based on various schemes by Koeppen with the help of a mind map. 4. MAPS(Survey of India)- <a href="https://indiamaps.gov.in/">https://indiamaps.gov.in/</a> <a href="https://diksha.gov.in/resources/play/collection/do_31310347530730700811485?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_31310347530730700811485?contentType=TextBook</a>	
9	JANUARY	22	Fundamentals of Physical Geography 12. water(ocean) 13.movements of ocean water Practical Work In Geography (Part-1) 5. Topographical Maps	1. Draw a diagram to show major and minor features of ocean floor. 2. Study figure 13.5 and analyse the horizontal distribution of salinity in different oceans. 3. Locate and label the major seas on a political map of the world. 4. Draw a diagram of spring and neap tides. 5. MAPS (Survey of india)- <a href="https://indiamaps.gov.in/">https://indiamaps.gov.in/</a> 6.	PERIODIC TEST 2

			6. Introduction To Remote Sensing	<a href="https://diksha.gov.in/resources/play/collection/do_31310347530205593611312?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_31310347530205593611312?contentType=TextBook</a>	
<b>10</b>	<b>FEBRUARY</b>	<b>23</b>	Fundamentals of Physical Geography 14. Biodiversity and conservation India- Physical Environment 6 India-natural hazards and disasters	<p>1. Make a list of flora and fauna found in your surroundings and make a scrap book containing information and pictures of at least ten species.</p> <p>2. Divide your class into groups and allocate one disaster to each group. Every group should think of themselves as living in a disaster prone area of their allocated topic. All groups would give a presentation on causes, impact and risk reduction of that disaster.</p> <p>3. Disaster digital online game- Stop Disasters!” simulates natural hazards and serves as an interactive educational tool for children <a href="https://www.stopdisastersgame.org/">https://www.stopdisastersgame.org/</a></p> <p>4. KVS-STUDY METERIAL *- E-CONTENT- <a href="https://drive.google.com/file/d/1scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view">https://drive.google.com/file/d/1scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view</a></p>	<b>INTERNAL ASSESSMENTS REVISION</b>
<b>11</b>	<b>MARCH</b>	<b>23</b>	Examination 2026 – 2027	<p>4. KVS-STUDY METERIAL *- E-CONTENT- <a href="https://drive.google.com/file/d/1scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view">https://drive.google.com/file/d/1scAOZdprLQCspzb0Vp421ZRbnoxBrSG/view</a></p> <p>Geography_LF.pdf <a href="https://share.google/A5iegqJq2udhYsmKp">https://share.google/A5iegqJq2udhYsmKp</a></p>	Examination 2026 – 2027--

• **Political Science (028)**

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	June	07	1. <b>CONSTITUTION: WHY AND HOW?</b>	1) <a href="https://diksha.gov.in/play/content/do_3'316930290866585611748">https://diksha.gov.in/play/content/do_3'316930290866585611748</a> <a href="https://diksha.gov.in/play/content/do_31316930651308851211168">https://diksha.gov.in/play/content/do_31316930651308851211168</a>	Monthly Test Slip test Class test
2	July	26	2. <b>Political Theory : An Introduction</b>  3. <b>Freedom</b>	2) <a href="https://diksha.gov.in/play/content/do_3'307895198425907218105">https://diksha.gov.in/play/content/do_3'307895198425907218105</a> <a href="https://diksha.gov.in/play/content/do_31307957263521382418087">https://diksha.gov.in/play/content/do_31307957263521382418087</a> <a href="https://diksha.gov.in/play/content/do_3'308584039994163211801">https://diksha.gov.in/play/content/do_3'308584039994163211801</a> <a href="https://diksha.gov.in/play/content/do_31308581252576051211792">https://diksha.gov.in/play/content/do_31308581252576051211792</a> <a href="https://diksha.gov.in/play/content/do_3'307955332363878419486">https://diksha.gov.in/play/content/do_3'307955332363878419486</a> <a href="https://diksha.gov.in/play/content/do_31307956187185971219491">https://diksha.gov.in/play/content/do_31307956187185971219491</a> <a do_313079562238050304111978"="" href="https://diksha.gov.in/play/content">https://diksha.gov.in/play/content"do_313079562238050304111978</a>  3) <a href="https://diksha.gov.in/play/content/do_3'30893073919016961686">https://diksha.gov.in/play/content/do_3'30893073919016961686</a> <a href="https://diksha.gov.in/play/content/do_3130893090386001921146">https://diksha.gov.in/play/content/do_3130893090386001921146</a> <a href="https://diksha.gov.in/play/content/do_3'317212728919654411982">https://diksha.gov.in/play/content/do_3'317212728919654411982</a>	Monthly Test Slip test Class test

			<p><b>4. Rights in the Indian Constitution</b></p> <p><b>5. Elections and Representation</b></p>	<p><a href="https://diksha.gov.in/play/content/do_31317213515581849612444">https://diksha.gov.in/play/content/do_31317213515581849612444</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'3078954868662272112094">https://diksha.gov.in/play/content/do_3'3078954868662272112094</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'307895521665843218108">https://diksha.gov.in/play/content/do_3'307895521665843218108</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'307956515366502418084">https://diksha.gov.in/play/content/do_3'307956515366502418084</a></p> <p>4)<a href="https://diksha.gov.in/play/content/do_3130893210479411201688">https://diksha.gov.in/play/content/do_3130893210479411201688</a></p> <p><a href="https://diksha.gov.in/play/content/do_313078953831849984111809">https://diksha.gov.in/play/content/do_313078953831849984111809</a></p> <p>5)<a href="https://diksha.gov.in/play/content/do_3'30908829312122881481">https://diksha.gov.in/play/content/do_3'30908829312122881481</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130908863392890881515">https://diksha.gov.in/play/content/do_3130908863392890881515</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130908867995074561517">https://diksha.gov.in/play/content/do_3130908867995074561517</a></p> <p><a href="https://diksha.gov.in/play/content/do_31309498398973952012164">https://diksha.gov.in/play/content/do_31309498398973952012164</a></p>	
3.	August	23	<b>6.Equality</b>	<p>6)<a href="https://diksha.gov.in/play/content/do_31309434786133606411903">https://diksha.gov.in/play/content/do_31309434786133606411903</a></p> <p><a href="https://diksha.gov.in/play/content/do_31309434790032998411879">https://diksha.gov.in/play/content/do_31309434790032998411879</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'310428438697574412385">https://diksha.gov.in/play/content/do_3'310428438697574412385</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'329676350273945614239">https://diksha.gov.in/play/content/do_3'329676350273945614239</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'30959593989980161395">https://diksha.gov.in/play/content/do_3'30959593989980161395</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'30959594311106561977">https://diksha.gov.in/play/content/do_3'30959594311106561977</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130959594547855361326">https://diksha.gov.in/play/content/do_3130959594547855361326</a></p>	<p>Monthly Test</p> <p>Slip test</p> <p>Class test</p>

			<p><b>7. Executive</b></p> <p><a href="https://diksha.gov.in/play/content/do_3'30959594792796161396">https://diksha.gov.in/play/content/do_3'30959594792796161396</a></p> <p>7)<a href="https://diksha.gov.in/play/content/do_3131313174659727361383">https://diksha.gov.in/play/content/do_3131313174659727361383</a></p> <p><a href="https://diksha.gov.in/play/content/do_31309494689041612811822">https://diksha.gov.in/play/content/do_31309494689041612811822</a></p> <p><a href="https://diksha.gov.in/play/content/do_31309494692968857612037">https://diksha.gov.in/play/content/do_31309494692968857612037</a></p> <p><b>8. Legislature</b></p> <p>8)<a href="https://diksha.gov.in/play/content/do_3130957594168934401948">https://diksha.gov.in/play/content/do_3130957594168934401948</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130957824327761921962">https://diksha.gov.in/play/content/do_3130957824327761921962</a></p> <p><a href="https://diksha.gov.in/play/content/do_31321806036581580811789">https://diksha.gov.in/play/content/do_31321806036581580811789</a></p>	
4.	September	24	<p><b>9.Social Justice</b></p> <p>9)<a href="https://diksha.gov.in/play/content/do_313113557833400320175">https://diksha.gov.in/play/content/do_313113557833400320175</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131135579716567041640">https://diksha.gov.in/play/content/do_3131135579716567041640</a></p> <p><a href="https://diksha.gov.in/play/content/do_313113558110625792121">https://diksha.gov.in/play/content/do_313113558110625792121</a></p> <p><a href="https://diksha.gov.in/play/content/do_313113558252847104176">https://diksha.gov.in/play/content/do_313113558252847104176</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131313174033203201184">https://diksha.gov.in/play/content/do_3131313174033203201184</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130959595878645761978">https://diksha.gov.in/play/content/do_3130959595878645761978</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130959596732825601438">https://diksha.gov.in/play/content/do_3130959596732825601438</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130959596967936001327">https://diksha.gov.in/play/content/do_3130959596967936001327</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'30959597232455681397">https://diksha.gov.in/play/content/do_3'30959597232455681397</a></p> <p><a href="https://diksha.gov.in/play/content/do_31309595976062566411084">https://diksha.gov.in/play/content/do_31309595976062566411084</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130959598168227841399">https://diksha.gov.in/play/content/do_3130959598168227841399</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130959598814412801299">https://diksha.gov.in/play/content/do_3130959598814412801299</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'30959599103918081300">https://diksha.gov.in/play/content/do_3'30959599103918081300</a></p> <p><b>10.Judiciary</b></p> <p>10)<a href="https://diksha.gov.in/play/content/do_31311908278865920012341">https://diksha.gov.in/play/content/do_31311908278865920012341</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'307110128803840011211">https://diksha.gov.in/play/content/do_3'307110128803840011211</a></p>	<p>Monthly Test</p> <p>Slip test</p> <p>Class test</p>



			<p><a href="https://diksha.gov.in/play/content/do_313178489207752321104">https://diksha.gov.in/play/content/do_313178489207752321104</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142020881285121183">https://diksha.gov.in/play/content/do_3'31142020881285121183</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142025095577601122">https://diksha.gov.in/play/content/do_3'31142025095577601122</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142030742323201195">https://diksha.gov.in/play/content/do_3'31142030742323201195</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142033523343361342">https://diksha.gov.in/play/content/do_3'31142033523343361342</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142033523343361342">https://diksha.gov.in/play/content/do_3'31142033523343361342</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142035021905921155">https://diksha.gov.in/play/content/do_3'31142035021905921155</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142036419297281196">https://diksha.gov.in/play/content/do_3'31142036419297281196</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142037820866561324">https://diksha.gov.in/play/content/do_3'31142037820866561324</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31142039253893121343">https://diksha.gov.in/play/content/do_3'31142039253893121343</a></p> <p>14)<a href="https://diksha.gov.in/play/content/do_313178475565531136133">https://diksha.gov.in/play/content/do_313178475565531136133</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'3178470506070016148">https://diksha.gov.in/play/content/do_3'3178470506070016148</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31162390507520001518">https://diksha.gov.in/play/content/do_3'31162390507520001518</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31162391912611841680">https://diksha.gov.in/play/content/do_3'31162391912611841680</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131162393321144321709">https://diksha.gov.in/play/content/do_3131162393321144321709</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31168922714603521822">https://diksha.gov.in/play/content/do_3'31168922714603521822</a></p>	Class test
87.	December	18	<p><b>15. Nationalism</b></p> <p>15)<a href="https://diksha.gov.in/play/content/do_3'311710044526182411173">https://diksha.gov.in/play/content/do_3'311710044526182411173</a></p> <p><a href="https://diksha.gov.in/play/content/do_3'31171005835509761904">https://diksha.gov.in/play/content/do_3'31171005835509761904</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131171011404595201901">https://diksha.gov.in/play/content/do_3131171011404595201901</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131171012795842561905">https://diksha.gov.in/play/content/do_3131171012795842561905</a></p>	<p>Monthly Test</p> <p>Slip test</p> <p>Class test</p>

			<b>16. Constitution as a Living Document</b>	<a href="https://diksha.gov.in/play/content/do_3'31171014171525121965">https://diksha.gov.in/play/content/do_3'31171014171525121965</a> <a href="https://diksha.gov.in/play/content/do_3'31171015544504321141">https://diksha.gov.in/play/content/do_3'31171015544504321141</a> 16) <a href="https://diksha.gov.in/play/content/do_31321431532461260811110">https://diksha.gov.in/play/content/do_31321431532461260811110</a> <a href="https://diksha.gov.in/play/content/do_3131175489953873921162">https://diksha.gov.in/play/content/do_3131175489953873921162</a> <a href="https://diksha.gov.in/play/content/do_3'31175491365109761163">https://diksha.gov.in/play/content/do_3'31175491365109761163</a> <a href="https://diksha.gov.in/play/content/do_3'31175492751196161985">https://diksha.gov.in/play/content/do_3'31175492751196161985</a>	
9.	January	22	<b>17. The Philosophy of the constitution</b>  <b>18) Secularism</b>	17) <a href="https://diksha.gov.in/play/content/do_3132143102382080001793">https://diksha.gov.in/play/content/do_3132143102382080001793</a> <a href="https://diksha.gov.in/play/content/do_3131142231695360001159">https://diksha.gov.in/play/content/do_3131142231695360001159</a> <a href="https://diksha.gov.in/play/content/do_3'31142271966986241105">https://diksha.gov.in/play/content/do_3'31142271966986241105</a> <a href="https://diksha.gov.in/play/content/do_3131142274272870401330">https://diksha.gov.in/play/content/do_3131142274272870401330</a>  18) <a href="https://diksha.gov.in/play/content/do_3'315881560972492813296">https://diksha.gov.in/play/content/do_3'315881560972492813296</a> <a href="https://diksha.gov.in/play/content/do_3'31142231695360001159">https://diksha.gov.in/play/content/do_3'31142231695360001159</a> <a href="https://diksha.gov.in/play/content/do_3'30959605507194881303">https://diksha.gov.in/play/content/do_3'30959605507194881303</a> <a href="https://diksha.gov.in/play/content/do_3'30959606347857921401">https://diksha.gov.in/play/content/do_3'30959606347857921401</a> <a href="https://diksha.gov.in/play/content/do_3'30959607305666561328">https://diksha.gov.in/play/content/do_3'30959607305666561328</a>	Monthly Test Slip test Class test
10.	February	23	Revision	(Political Science Study Material 2026-27)	
11.	March	23	SEE		

## 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	JUNE	7 days	<b>Introduction:</b> What is Economics? Meaning, scope, functions and importance of statistics in Economics <b>Collection, Organisation and Presentation of data</b> <b>Collection of data -</b> sources of data - primary and secondary;	<b>Teaching Aids</b> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining the meaning and scope of Economics.</li> <li>• <b>Charts and diagrams</b> showing functions and importance of statistics in Economics.</li> <li>• <b>Sample data tables</b> for understanding organisation and presentation of data.</li> <li>• <b>Examples of surveys and questionnaires</b> to explain primary data collection.</li> </ul> <b>Innovative Practices</b> <ul style="list-style-type: none"> <li>• <b>Class survey activity</b> where students collect simple data (e.g., favourite subject or daily study hours).</li> <li>• <b>Group activity</b> on classifying data into primary and secondary sources.</li> <li>• <b>Think–Pair–Share activity</b> on importance of statistics in economic decision making.</li> <li>• <b>Data presentation activity</b> using simple tables.</li> </ul> <a href="https://diksha.gov.in/play/collection/do_31310347532020121611421?referrer=utm_source%3Dmobile%26utmcampaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347532020121611421?referrer=utm_source%3Dmobile%26utmcampaign%3Dshare_content</a>	

2	JULY	26 days	<p><b>Collection, Organisation and Presentation of data (Cont.---</b>  Collection of data - how basic data is collected, concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.</p> <p><b>Organisation of Data:</b> Meaning and types of variables; Frequency Distribution</p> <p><b>Presentation of Data:</b> Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), Frequency diagrams (histogram, polygon and ogive) and (iii) Arithmetic line graphs (time series graph).</p> <p><b>Introductory Microeconomics</b>  Introduction</p>	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining sampling methods and data collection techniques.</li> <li>• <b>Charts and sample tables</b> for organisation of data and frequency distribution.</li> <li>• <b>Graph sheets</b> for drawing bar diagrams, pie diagrams, histograms and polygons.</li> <li>• <b>Diagrams and examples</b> explaining Production Possibility Frontier (PPF) and opportunity cost.</li> <li>• <b>Statistical data examples</b> from Census and survey reports.</li> </ul> <p><b>Innovative Practices</b></p> <ul style="list-style-type: none"> <li>• <b>Survey activity</b> where students collect sample data from classmates.</li> <li>• <b>Graph drawing activity</b> for bar diagram, histogram and pie chart.</li> <li>• <b>Group discussion</b> on central problems of an economy.</li> <li>• <b>PPF demonstration activity</b> using simple real-life examples to explain opportunity cost.</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_31308396326704742411255">https://diksha.gov.in/play/content/do_31308396326704742411255</a></p>	
---	------	---------	---	--	--

			<p>Meaning of microeconomics and macroeconomics; positive and normative economics</p> <p>What is an economy?</p> <p>Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost</p>		
3	AUGUST	23 days	<p><b>Consumer's Equilibrium and Demand</b></p> <p><b>Consumer's equilibrium</b> - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis.</p> <p><b>Indifference curve analysis of consumer's equilibrium</b>- consumer's budget (budget set and budget line), preferences of the</p>	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining concepts of utility, marginal utility and law of diminishing marginal utility.</li> <li>• <b>Charts and diagrams</b> showing consumer equilibrium using marginal utility approach.</li> <li>• <b>Graph sheets</b> to draw <b>budget line and indifference curves</b>.</li> <li>• <b>Illustrations and tables</b> explaining consumer preferences and indifference map.</li> </ul> <p><b>Innovative Practices</b></p> <ul style="list-style-type: none"> <li>• <b>Graph drawing activity</b> where students plot budget line and indifference curves.</li> <li>• <b>Group discussion</b> on consumer choice behaviour in daily life.</li> <li>• <b>Numerical problem solving activity</b> on marginal utility analysis.</li> <li>• <b>Real-life example activity</b> explaining law of diminishing marginal utility (e.g., consumption of chocolates or water OR 1 KG OF GULAB JAMUN).</li> </ul>	<p><b>First Periodic Test</b></p>

			consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.	<a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent</a>	
4	SEPTEMBER	24 days	<p><b>Statistical tools and Interpretation</b></p> <p><b>Measures of Central Tendency- Arithmetic Mean</b> Median and mode.</p> <p><b>Consumers Equilibrium and Demand</b> :- Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; Measurement of price elasticity of demand – percentage- method and total expenditure method.</p> <p><b>COMMENCEMENT OF PROJECT WORK</b></p>	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining measures of central tendency (Mean, Median and Mode).</li> <li>• <b>Sample numerical tables</b> for calculation of arithmetic mean, median and mode.</li> <li>• <b>Graphs and diagrams</b> to explain demand curve and its slope.</li> <li>• <b>Charts</b> showing movement along and shifts in demand curve.</li> <li>• <b>Numerical examples</b> explaining price elasticity of demand and its measurement methods.</li> </ul> <p><b>Innovative Practices</b></p> <ul style="list-style-type: none"> <li>• <b>Numerical problem-solving activity</b> on arithmetic mean, median and mode.</li> <li>• <b>Graph drawing activity</b> for demand curve and elasticity.</li> <li>• <b>Group discussion</b> on determinants of demand using real-life examples.</li> <li>• <b>Case study activity</b> to explain price elasticity of demand in the market.</li> </ul> <p><a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utmsource%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utmsource%3Dmobile%26utm_campaign%3Dshare_content</a></p>	•

5	OCTOBER	16 days	.Producer Behaviour and Supply Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining production function and its concepts.</li> <li>• <b>Charts and diagrams</b> showing relationship between Total Product (TP), Average Product (AP) and Marginal Product (MP).</li> <li>• <b>Graph sheets</b> to illustrate the law of <b>Returns to a Factor</b>.</li> <li>• <b>Tables and numerical examples</b> explaining short-run and long-run production.</li> </ul> <p><b>Innovative Practices</b></p> <ul style="list-style-type: none"> <li>• <b>Graph drawing activity</b> showing TP, AP and MP curves.</li> <li>• <b>Group discussion</b> on production processes in real-life industries.</li> <li>• <b>Numerical problem-solving activity</b> on calculating AP and MP.</li> <li>• <b>Case example activity</b> explaining the law of diminishing returns using agricultural production.</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_3130922087384104961957">https://diksha.gov.in/play/content/do_3130922087384104961957</a></p>	•
6	NOVEMBER	23 days	(REVISION FOR HALF YEARLY EXAMINATION) Producer Behaviour and Supply (Contd.-) Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining cost concepts (TC, TFC, TVC, AC, AFC, AVC and MC).</li> <li>• <b>Charts and tables</b> showing relationships between different cost curves.</li> <li>• <b>Graphs</b> illustrating cost curves and revenue curves.</li> <li>• <b>Numerical examples</b> explaining price elasticity of supply.</li> <li>• <b>Summary charts</b> for revision of producer's equilibrium and supply concepts.</li> </ul>	<p style="text-align: center;"><b>Half yearly examination</b></p>

			<p>meaning and their relationships.- Revenue: total, average and marginal revenue - meaning and their relationship. Producer's equilibrium-meaning and its conditions in terms of marginal revenue-marginal cost. Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-method.</p>	<p><b>Innovative Practices</b></p> <ul style="list-style-type: none"> <li>• <b>Graph drawing activity</b> for cost curves and supply curve.</li> <li>• <b>Numerical problem solving activity</b> on elasticity of supply.</li> <li>• <b>Group discussion</b> on determinants of supply in real-life markets.</li> <li>• <b>Quick revision quiz</b> covering important concepts for the half yearly exam.</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_31309221589076377611308">https://diksha.gov.in/play/content/do_31309221589076377611308</a></p>	
7	DECEMBER	18 days	<p>Correlation – meaning and properties, scatter diagram Measures of correlation - Karl Pearson's method (Two variables ungrouped data)</p>	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining meaning and properties of correlation.</li> <li>• <b>Charts and sample data tables</b> for understanding correlation between two variables.</li> <li>• <b>Graph sheets</b> to draw <b>scatter diagrams</b>.</li> <li>• <b>Numerical examples</b> explaining <b>Karl Pearson's method</b> and <b>Spearman's rank c</b></li> </ul>	•

			Spearman's rank correlation.	<b>Innovative Practices</b> <ul style="list-style-type: none"> <li>• <b>Scatter diagram activity</b> where students plot relationship between two variables (e.g., study hours and marks).</li> <li>• <b>Numerical problem-solving activity</b> on Karl Pearson's correlation coefficient.</li> <li>• <b>Group activity</b> on ranking data to calculate Spearman's rank correlation.</li> <li>• <b>Real-life example discussion</b> showing positive and negative correlation.</li> </ul>	
8	JANUARY	22 DAYS	Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only)	<b>Teaching Aids</b> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining features of perfect competition.</li> <li>• <b>Graphs and diagrams</b> showing determination of market equilibrium through demand and supply curves.</li> <li>• <b>Charts</b> explaining shifts in demand and supply curves.</li> <li>• <b>Illustrative examples</b> showing how equilibrium price and quantity are determined.</li> </ul> <b>Innovative Practices</b> <ul style="list-style-type: none"> <li>• <b>Graph drawing activity</b> to determine market equilibrium.</li> <li>• <b>Market simulation activity</b> where students act as buyers and sellers.</li> <li>• <b>Group discussion</b> on real-life examples of competitive markets.</li> <li>• <b>Case study activity</b> explaining effects of shifts in demand and supply.</li> </ul>	<b>PERIODIC TEST 2</b>

				<a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utmsource%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utmsource%3Dmobile%26utm_campaign%3Dshare_content</a>	
9	FEBRUARY	23 DAYS	<p>Simple Applications of Demand and Supply: Price ceiling, price floor.</p> <p>Introduction to Index Numbers- meaning, types - wholesale price index, consumer price index and Index of industrial production, uses of index numbers; Inflation and index numbers. Simple Aggregative method Project in Economics</p>	<p><b>Teaching Aids</b></p> <ul style="list-style-type: none"> <li>• <b>PPT presentation</b> explaining price ceiling and price floor with examples.</li> <li>• <b>Charts and graphs</b> showing the effect of government price control on demand and supply.</li> <li>• <b>Tables and numerical examples</b> for calculation of <b>Index Numbers using Simple Aggregative Method</b>.</li> <li>• <b>Statistical charts</b> explaining Wholesale Price Index (WPI), Consumer Price Index (CPI) and Index of Industrial Production (IIP).</li> </ul> <p><b>Innovative Practices</b></p> <ul style="list-style-type: none"> <li>• <b>Graph drawing activity</b> to explain price ceiling and price floor effects.</li> <li>• <b>Case study discussion</b> on government price control policies.</li> <li>• <b>Numerical problem-solving activity</b> on calculation of index numbers.</li> <li>• <b>Project work</b> where students collect price data of daily commodities and calculate a simple price index.</li> </ul> <p><a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utmsource%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utmsource%3Dmobile%26utm_campaign%3Dshare_content</a></p>	<b>INTERNAL ASSESSMENTS &amp; REVISION</b>

10	MARCH	23 DAYS	ANNUAL EXAMINATION/ SESSION ENDING EXAM		
----	-------	------------	--	--	--

## 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
<b>PART-A FINANCIAL ACCOUNTING-I</b>					
1.	JUNE	7	UNIT-I Theoretical Framework: Introduction to Accounting	<p>Suggested activity:</p> <p>Lecture method for Introduction &amp; familiarization of the accounting concepts</p> <p>Use of Mind maps/ ppt on objectives and uses of accounting</p> <p>Group discussion on users of accounting information</p> <p><a href="https://drive.google.com/file/d/1Z0D25MUYcaAD5RB3orP4agrUoTWUjRGv/view">https://drive.google.com/file/d/1Z0D25MUYcaAD5RB3orP4agrUoTWUjRGv/view</a></p>	<p>Assessment Method</p> <p>The test may be conducted through:</p> <ul style="list-style-type: none"> <li>• Written exam (offline)</li> <li>• Online quiz using LMS</li> <li>• Practical accounting worksheet</li> </ul> <p>Case-Based Question (Optional)</p>
2.	JULY	26	UNIT-II: Accounting process: Theory base of accounting Recording of Business transactions: Voucher and Transactions:	<p>Preparation of Scrap file with different Vouchers</p> <p>Grouping students and ask them to identify the documents which are used for credit transaction</p> <p>Create a situation for fill up source documents especially from Banks</p> <p><b>Teaching Aids:</b></p> <p>Sample <b>Journal Books &amp; Vouchers</b> (Printed/digital)</p> <p>Flowcharts for <b>Steps of Journalizing</b></p> <p>Posters of <b>Journal Formats</b></p> <p><b>E-Content:</b></p> <p>Video tutorials on journal entries</p>	<p>Assessment Method</p> <p>The test can be conducted as:</p> <ul style="list-style-type: none"> <li>• Written classroom examination</li> <li>• Online assessment (MCQ + numerical)</li> <li>• Accounting worksheet / practical assignment</li> </ul> <p>Practical Questions (Journal Entries)</p>

			Books of Original Entry- Journal	<p>Animated MCQs (drag-and-drop transactions into correct journal entries)</p> <p>Practice tools for entering transactions online</p> <p><b>Innovative Practices:</b></p> <p><b>Journal Entry Role Play:</b> Students act out transactions &amp; classmates record entries</p> <p><b>Transaction Card Game:</b> Match transaction to its journal entry</p> <p><b>Create a Business Story:</b> Students build a story and pass it along – each adds a journal entry</p> <p>Worksheets for journal</p> <p><a href="https://diksha.gov.in/play/collection/do31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do31310347535505817611436?contentType=TextBook</a></p>	
3.	AUGUST	23	<p>Recording of Business transactions (Contd.)- Special Purpose books: Cash Book · Purchases book · Sales book · Purchases return book · Sales return book · Journal proper-- Ledger</p>	<p>Use Real cash book from School office.</p> <p>Familiarisation of one sample Cashbook to the students</p> <p>Templates of <b>Cash Book, Sales Book, Purchase Book</b></p> <p>Diagram showing flow from Journal to Ledger</p> <p>Ledger Posting flashcards</p> <p><b>E-Content:</b></p> <p>Google Sheets ledger practice sets</p> <p>Videos: Format and posting of Cash Book, Petty Cash Book, etc.</p> <p>Online simulators to practice posting from journals to ledger</p> <p><b>Innovative Practices:</b></p> <p><b>Business Simulation Game:</b> Students play business and record entries in proper books</p> <p><b>Ledger Matching Activity:</b> Link journal entries to corresponding ledger accounts</p> <p>Comparative study of different types of special purpose books</p> <p>Role play on Debit side and Credit side</p> <p><a href="https://diksha.gov.in/play/collection/do31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do31310347535505817611436?contentType=TextBook</a></p>	<p>Assessment Methods</p> <p>The assessment may be conducted through:</p> <ul style="list-style-type: none"> <li>• Written examination</li> <li>• Accounting practical test</li> <li>• Online accounting quiz</li> <li>• Worksheet-based assignments</li> <li>• Case-Based Question</li> </ul> <p><a href="#">Practical Questions</a></p>

4.	SEPTEMBER	24	Bank Reconciliation Statement	<p>Familiarise the transactions of Pass book with the help of cheque book</p> <p>Compare Cash book and Pass book</p> <p>Ask the student groups to identify the chances of differences between two books</p> <p>Skit on reasons of difference between cash book balance and passbook balance</p> <p>Chart of <b>Common BRS Differences</b></p> <p>BRS Format flowchart</p> <p><a href="https://drive.google.com/file/d/1D30KIRdfcyb4umww1eYoZiAb_YySExiU/view?usp=sharelink">https://drive.google.com/file/d/1D30KIRdfcyb4umww1eYoZiAb_YySExiU/view?usp=sharelink</a></p>	<ul style="list-style-type: none"> <li>• Written examination</li> <li>• Accounting practical test</li> <li>• Online accounting quiz</li> <li>• Problem-solving worksheet</li> <li>• Case-Based Question</li> </ul> <p>Practical Questions</p>
5.	OCTOBER	16	Depreciation, Provisions and Reserves (contd.) Trial Balance and Rectification of Errors	<p>Ask the students to find out expected value an old asset from their classroom for generating idea about book value, scrap value etc.</p> <p>Discussion about methods of valuation of various assets</p> <p><b>Teaching Aids:</b></p> <p>Formula Charts for Straight Line &amp; Written Down methods</p> <p>Visual timeline for asset life &amp; depreciation</p> <p><b>E-Content:</b></p> <p>Video demonstrations using asset life calculators</p> <p>Interactive depreciation method comparison</p> <p><b>Innovative Practices:</b></p> <p><b>Group Debate:</b> Straight Line vs WDV – which is better?</p> <p><b>Real-life Asset Tracker:</b> Students track the value of an imaginary asset over years</p> <p><a href="https://drive.google.com/file/d/1gEUVcb9ZNjyE8INf5TPwDmEeuj4ISeL1/view?usp=sharelink">https://drive.google.com/file/d/1gEUVcb9ZNjyE8INf5TPwDmEeuj4ISeL1/view?usp=sharelink</a></p>	<ul style="list-style-type: none"> <li>• Written examination</li> <li>• Accounting practical test</li> <li>• Online accounting quiz</li> <li>• Problem-solving worksheet</li> <li>• Case-Based Question <ul style="list-style-type: none"> <li>• Practical Questions</li> </ul> </li> </ul>
<b>PART-B FINANCIAL ACCOUNTING-II</b>					
6.	NOVEMBER	23	Trial Balance and Rectification of Errors (contd.) a)	<p>Group discussion Work sheets</p> <p><b>Teaching Aids:</b></p> <p>Error classification charts (Omission, Commission, Compensating)</p> <p>Trial balance skeleton for filling</p>	<ul style="list-style-type: none"> <li>• Written examination</li> <li>• Accounting practical test</li> <li>• Online accounting quiz</li> <li>• Problem-solving worksheet</li> <li>• Case-Based Question</li> </ul>

			<p>Financial Statements of Sole Proprietorship without adjustments</p>	<p><b>E-Content:</b>          Animated videos showing how errors affect accounts          Google Form Quizzes: Identify and rectify errors</p> <p><b>Innovative Practices:</b>  <b>Error Hunt Activity:</b> Intentionally wrong trial balance for students to audit  <b>"Fix the Firm" Case Study:</b> Students rectify a firm's books full of errors          e-content:          Familiarise different items with the help of an original Financial Statement of a Sole proprietorship</p> <p><b>Teaching Aids:</b>          Sample Trading and P&amp;L formats          Visual aid for flow from trial balance to final accounts</p> <p><b>E-Content:</b>          Practice templates in Excel for preparing statements          Slideshow walkthrough of income statement preparation</p> <p><b>Innovative Practices:</b>  <b>Story to Statement:</b> Business transaction story → convert to Financial Statement  <b>Boardroom Simulation:</b> Act as owners analysing their profit/loss  <a href="https://drive.google.com/file/d/1wGDKqzXmHqmByfLLtVRThKUbfMk9M6n/view">https://drive.google.com/file/d/1wGDKqzXmHqmByfLLtVRThKUbfMk9M6n/view</a></p>	<p>Practical Questions</p>
7.	DECEMBER	18	<p>Financial Statements of Sole Proprietorship with adjustments</p>	<p>Handmade colourful cross word puzzles for identification of debit amount and credit amounts</p> <p><b>Teaching Aids:</b>          List of common adjustments with accounting treatment          Mind map for link between adjustments and their double effect</p> <p><b>E-Content:</b>          Step-by-step animated explanations of adjustments (e.g., outstanding expenses)          Smart worksheets with automatic calculation</p> <p><b>Innovative Practices:</b></p>	<ul style="list-style-type: none"> <li>• Written examination</li> <li>• Accounting practical test</li> <li>• Online accounting quiz</li> <li>• Problem-solving worksheet</li> <li>• Case-Based Question             <ul style="list-style-type: none"> <li>• Practical Questions</li> </ul> </li> </ul>

				<p><b>Adjustment Puzzle:</b> Guess the missing adjustment based on effect in final account</p> <p><b>Complete the Cycle Game:</b> Journal → Ledger → Trial → Adjustment → Final Accounts</p> <p><a href="https://drive.google.com/file/d/1J8pLdES39y9QL8MNa5ED3iGbOH4GjpIj/view">https://drive.google.com/file/d/1J8pLdES39y9QL8MNa5ED3iGbOH4GjpIj/view</a></p>	
8.	JANUARY	22	<p>Financial Statements of Sole proprietorship with (adjustments) (contd.) Accounts from Incomplete Records</p>	<p>Group Discussion, quizzes Games like MIX &amp; MATCH OR drag the words into correct options (boxes)</p> <p><b>Teaching Aids:</b> Comparative chart: Single Entry vs Double Entry Working note templates for missing data</p> <p><b>E-Content:</b> Video lessons on Statement of Affairs &amp; Cash Book Excel calculators for estimating missing profit or capital</p> <p><b>Innovative Practices:</b> <b>Detective Accountant Game:</b> Students find missing figures from given info <b>Rebuild the Business:</b> Story-based challenge where data is missing and needs reconstruction</p> <p><a href="https://drive.google.com/file/d/1sbMX_7GAyHcmILs8y0kTYSNtku al0GH9/view?usp=share_link">https://drive.google.com/file/d/1sbMX_7GAyHcmILs8y0kTYSNtku al0GH9/view?usp=share_link</a></p>	<ul style="list-style-type: none"> <li>• Written examination</li> <li>• Accounting practical test</li> <li>• Online accounting quiz</li> <li>• Problem-solving worksheet</li> <li>• Case-Based Question <ul style="list-style-type: none"> <li>• Practical Questions</li> </ul> </li> </ul>
9.	FEBRUARY	23	<b>PART C: Project Work and Revision</b>		<ul style="list-style-type: none"> <li>•</li> </ul>
10	MARCH	23	<b>Session Ending EXAMINATION</b>		

• **Business 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.	JUNE	7	Nature and Purpose of Business	<p>Suggested Activity: 1. Testing previous knowledge related to history of trade and commerce.</p> <p>2. Lecture method for explaining the concepts of trade and commerce.</p> <p>3. Group discussion method (Topic on differentiate between business, profession and employment and basic factors to be considered while starting a business..</p> <p>4. Use of Visual aids on classification of Industries.</p> <p>5. Charts showing <b>economic vs. non-economic activities</b>.</p> <p>6. Concept maps linking objectives and classification of business</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080230084214784114288">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080230084214784114288</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080223008587776114282">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080223008587776114282</a></p> <p>Use of Role play method to explain the concept of Partnership, H.U.F. and Cooperative societies.</p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> <li>• <b>Short class tests</b> based on conceptual understanding.</li> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• <b>MCQ based test</b></li> <li>• <b>Short answer questions (3–4 marks)</b></li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Case study questions</b></li> <li>• <b>Group discussion</b></li> <li>• <b>Concept mapping activity</b></li> </ul> <p><b>4. Online Assessment Tools</b></p>

2.	JULY	26	2.Forms of Business Organisation	<p>Use of group discussion method to develop the understanding of merits and demerits of Sole Proprietorship, Partnership, H.U.F. and Cooperative societies.</p> <p>Comparison tables (sole proprietorship, partnership, joint stock company, etc.)</p> <p>Role cards to explain types of ownership.</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080229095497728113973">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080229095497728113973</a></p> <p>Initiating a virtual trip to Cooperative societies approved by Govt. of India for explaining “types of cooperative societies”.</p> <p>Use of Survey method to find out features and working of different forms of business organizations.</p> <p><b>Business Setup Simulation:</b> Groups choose a form and explain their choice.</p> <p><b>Debate:</b> Partnership vs. Company — which is better and why?</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130878990761246721111">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130878990761246721111</a></p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> <li>• <b>Short class tests</b> based on conceptual understanding.</li> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• <b>MCQ based test</b></li> <li>• <b>Short answer questions (3–4 marks)</b></li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Case study questions</b></li> <li>• <b>Group discussion</b></li> <li>• <b>Concept mapping activity</b></li> </ul> <p><b>4. Online Assessment Tools</b></p>
3.	AUGUST	23	3. Public, Private and Global Enterprises. 4.Business Services	<p>Use reciprocal questioning to encourage an open dialogue in which students take on the role of the teacher and create their own questions about a topic, reading a section, or lesson and form small groups of students for framing questions by providing “question stems” and others would try to find answer for the questions.</p> <p><b>E-Content:</b></p> <p>Videos on privatization, disinvestment, and MNCs. PPTs showcasing examples from India and abroad.</p> <p><b>Innovative Practices:</b></p> <p><b>Role Play:</b> Stakeholders in public vs. private enterprise. <b>News Analysis:</b> Track privatization/global mergers in headlines.</p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> <li>• <b>Short class tests</b> based on conceptual understanding.</li> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p>

				<p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130901352861204481121">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130901352861204481121</a></p> <p>Lecture Method</p> <p>Use of Brainstorming method for banking services.</p> <p>Connect with daily life examples.</p> <p>Use of Visual aids on Banking System.</p> <p>Use of Survey method.</p> <p>Service classification charts (banking, insurance, communication, etc.)</p> <p>Virtual tour of a bank, insurance company, or courier service.</p> <p>Audio-visuales explaining types of insurance, telecom, e-banking.</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995</a></p>	<ul style="list-style-type: none"> <li>• MCQ based test</li> <li>• Short answer questions (3–4 marks)</li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• Case study questions</li> <li>• Group discussion</li> <li>• Concept mapping activity</li> </ul> <p><b>4. Online Assessment Tools</b></p>
4.	SEPTEMBER	24	<p>4. Business Services (contd.)</p> <p>5. Emerging Modes of Business</p>	<p><b>Mock Bank Setup:</b> Students take up roles (teller, manager, etc.).</p> <p><b>Insurance Storytelling:</b> Create stories that show the role of different types of insurance.</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995</a></p> <p>Initiate a discussion among the students to form two groups for a debate. One group favouring e-business and another group expressing views on the negative sides of e business and supporting traditional business.</p> <p><b>Teaching Aids:</b></p> <p>Infographics on <b>e-business vs traditional business</b>.</p> <p>Cloud computing and e-payment concept maps.</p> <p><b>E-Content:</b></p> <p>Animated explainers on B2B, B2C, C2C, etc.</p> <p>Demo videos of UPI, net banking, e-commerce websites.</p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• Oral questioning during classroom discussion.</li> <li>• Short class tests based on conceptual understanding.</li> <li>• Worksheet solving on National Income calculations.</li> <li>• Quiz competition using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• MCQ based test</li> <li>• Short answer questions (3–4 marks)</li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• Case study questions</li> <li>• Group discussion</li> <li>• Concept mapping activity</li> </ul>

				<p><b>Innovative Practices:</b></p> <p><b>e-Commerce Project:</b> Design a simple online business/store.</p> <p><b>Virtual Store Walkthroughs:</b> Explore real-world e-business platforms.</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995</a></p>	<b>4. Online Assessment Tools</b>
5.	<b>OCTOBER</b>	16	6. Social Responsibility of Business and Business Ethics	<p>Symposium Method: Assigning the task of presenting selected topics covering the chapter wherein student come up with various innovative ideas during their presentation.</p> <p>Ethics scenario cards.</p> <p>CSR (Corporate Social Responsibility) case studies (Tata, Infosys, etc.).</p> <p><b>E-Content:</b></p> <p>Documentaries or interviews with business leaders on CSR(Corporate Social Responsibility).</p> <p>Videos showcasing environmental initiatives by businesses.</p> <p><b>Innovative Practices:</b></p> <p><b>CSR (Corporate Social Responsibility) Proposal Writing:</b> Students draft a CSR plan for a business.</p> <p><b>Ethics Role-Play:</b> Students act out ethical dilemmas in business settings.</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31314254219020697611870">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31314254219020697611870</a></p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> <li>• <b>Short class tests</b> based on conceptual understanding.</li> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• <b>MCQ based test</b></li> <li>• <b>Short answer questions (3–4 marks)</b></li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Case study questions</b></li> <li>• <b>Group discussion</b></li> <li>• <b>Concept mapping activity</b></li> </ul> <p><b>4. Online Assessment Tools</b></p>
6.	<b>NOVEMBER</b>	23	7. Sources of Business Finance. 8. Small Business & Enterprises	<p>Interactive Lecture method for explaining the concepts of Business Finance and various sources of business finance.</p> <p>Group discussion method (Topic on differentiate between Debenture and Shares, Equity shares and Preference shares).</p> <p><b>Teaching Aids:</b></p> <p>Sources chart (owner’s fund, borrowed fund, etc.)</p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> <li>• <b>Short class tests</b> based on conceptual understanding.</li> </ul>

				<p>Flashcards with pros/cons of each source.</p> <p><b>E-Content:</b> Interactive slides: Match sources to business types. Explainer videos on equity, loans, debentures.</p> <p><b>Innovative Practices:</b> <b>Funding the Startup Game:</b> Students decide funding based on different scenarios. <b>Case Study Comparison:</b> Analyze how companies raised capital. <a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31321462534099763211036">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31321462534099763211036</a></p> <p>Use of Brain storming session for discussing scope Entrepreneurship Development in India of Small Business. Use of Visual aids to familiarize the Government schemes and agencies for small scale industries.</p> <p><b>Teaching Aids:</b> Charts showing MSME classification. Real-life examples from local entrepreneurs.</p> <p><b>E-Content:</b> Government portal exploration (e.g., Udyam registration). Video stories of successful small business owners.</p> <p><b>Innovative Practices:</b> <b>Small Business Pitch:</b> Students present a local business idea. <b>Field Visit/Interview:</b> Meet a small business owner (in-person or virtually). <a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31319415784017100811730">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31319415784017100811730</a></p>	<ul style="list-style-type: none"> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• <b>MCQ based test</b></li> <li>• <b>Short answer questions (3–4 marks)</b></li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Case study questions</b></li> <li>• <b>Group discussion</b></li> <li>• <b>Concept mapping activity</b></li> </ul> <p><b>4. Online Assessment Tools</b></p>
7.	DECE MBER	18	9.Internal Trade	<p>Recall the daily activities that each one is engaged with and appreciate their role for making everyone’s life comfortable. Form groups of students for playing the role of different types of traders that students have seen in their daily life</p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> </ul>

			<p>Experiential learning method Visual aids on wholesale vs. retail trade. Sample bills/invoices/registers.</p> <p><b>E-Content:</b> Short documentaries on retailing, shopping malls, and B2C services. Digital billing demo videos</p> <p><b>Innovative Practices:</b> <b>Simulated Retail Store:</b> Students act as shopkeepers, wholesalers. <b>Trade Fair Setup:</b> Each group represents a type of internal trade. <a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3132113353273917441226">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3132113353273917441226</a></p>	<ul style="list-style-type: none"> <li>• <b>Short class tests</b> based on conceptual understanding.</li> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• <b>MCQ based test</b></li> <li>• <b>Short answer questions (3–4 marks)</b></li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Case study questions</b></li> <li>• <b>Group discussion</b></li> <li>• <b>Concept mapping activity</b></li> </ul> <p><b>4. Online Assessment Tools</b></p>
8.	JANUARY	22	<p>9. Internal Trade (contd.) 10. International Business</p> <p>Use of visual aids on the topic: Import trade and export trade procedure. Use of Survey method to find out features and working of international business. Holding Seminars by Students on small topics for initiating wider learning for gathering details of selected topics.</p> <p><b>Teaching Aids:</b> Charts showing modes of international trade. Comparison tables: Domestic vs. International Trade.</p> <p><b>E-Content:</b> WTO and export-import process explainers. Video case studies: Indian companies going global.</p> <p><b>Innovative Practices:</b> <b>Export Plan Activity:</b> Students create an export strategy for a product. <b>Global Trade Simulation:</b> Students represent countries and trade goods/services.</p>	<p><b>1. Formative Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Oral questioning</b> during classroom discussion.</li> <li>• <b>Short class tests</b> based on conceptual understanding.</li> <li>• <b>Worksheet solving</b> on National Income calculations.</li> <li>• <b>Quiz competition</b> using digital tools.</li> </ul> <p><b>2. Written Test</b></p> <ul style="list-style-type: none"> <li>• <b>MCQ based test</b></li> <li>• <b>Short answer questions (3–4 marks)</b></li> </ul> <p><b>3. Activity Based Assessment</b></p> <ul style="list-style-type: none"> <li>• <b>Case study questions</b></li> <li>• <b>Group discussion</b></li> </ul>

				<a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313211335066034176198">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313211335066034176198</a>	<ul style="list-style-type: none"> <li>• <b>Concept mapping activity</b></li> </ul> <b>4. Online Assessment Tools</b>
9.	<b>FEBRUARY</b>	23	<b>PART C: Project Work and Revision</b>		
10	<b>MARCH</b>	23	<b>Session Ending EXAMINATION</b>		

**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	JUNE 2026	7	UNIT -1 Physical world ( 08 periods) Chapter- 2 Unit and measurement Section-A □ Experiment - 1	Paper scale of given least count	Class Test Slip test MCQ Chapter Ending test, Diagram based tests
2.	JULY 2026	26	UNIT-2 - Kinematics (24 periods) Chapter- 3 Motion in straight line Chapter- 4 Motion in a plane Section-A Experiment – 2 □ Experiment – 3 □ Activity -1	Projectile motion apparatus, activities of laws of motion. <a href="https://diksha.gov.in/play/content/do_4313342804772454400116697?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313342804772454400116697?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test Slip test MCQ Chapter Ending test, Diagram based tests
3.	AUGUST 2026	23	UNIT- 3 – Laws of motion (14 periods) Chapter- 5 Laws of motion UNIT- 4 Work, energy and power (14 periods) Chapter- 6 Work, energy and power Section-A Experiment – 4 □ Activity- – 3	<a href="https://diksha.gov.in/play/content/do_4313371680169713664178?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313371680169713664178?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_4313371680169771008182?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313371680169771008182?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	PERIODIC TEST 1
4.	SEPTEMBER 2026	24	UNIT- 5 System of particles and rotational motion (18 periods)	<a href="https://diksha.gov.in/play/content/do_43134013401656197121714?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134013401656197121714?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Chapter Ending test, Slip test, Diagram based tests

			<p><b>Chapter- 7</b> System of particles and rotational motion <b>UNIT- 6 – Gravitation (12 periods)</b> <b>Chapter- 8</b> Gravitation..... <b>Section-B</b> <input type="checkbox"/> Experiment – 1 <input type="checkbox"/> Experiment – 2 <input type="checkbox"/> Activity – 1</p>	<p><a href="https://diksha.gov.in/play/content/do_43134013401643827201690?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134013401643827201690?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>Activities of torque</p>	
5.	OCTOBER 2026	16	<p>Cont... Gravitation <b>UNIT- 7</b> Properties of bulk matter (Total 24 periods) <b>Chapter- 9</b> Mechanical properties of solids <b>Section-B</b> <input type="checkbox"/> Experiment – 3 <input type="checkbox"/> Activity – 2</p>	<p><a href="https://diksha.gov.in/play/content/do_431345096285351936011421?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent">https://diksha.gov.in/play/content/do_431345096285351936011421?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent</a></p> <p>Spring constant</p>	Chapter Ending test, Slip test, Diagram based tests
6.	NOVEMBER 2026	23	<p><b>Chapter- 10</b> Mechanical properties of fluids <b>Chapter- 11</b> Thermal properties of matter <b>Section-B</b> <input type="checkbox"/> Experiment – 4</p>	<p><a href="https://diksha.gov.in/play/content/do_43134013407660195841944?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent">https://diksha.gov.in/play/content/do_43134013407660195841944?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent</a></p> <p>Capillarity action</p>	HALF YEARLY EXAM
7.	DECEMBER 2026	18	<p><b>Chapter- 11-</b> Thermal properties of matter (contd.,) <b>UNIT- 8 – Thermodynamics (12 periods)</b> <b>Chapter- 12-</b>Thermodynamics <b>Section-B</b> <input type="checkbox"/> Activity - 3</p>	<p><a href="https://diksha.gov.in/play/content/do_431344473924997120012955?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent">https://diksha.gov.in/play/content/do_431344473924997120012955?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent</a></p>	Chapter Ending test, Slip test, Diagram based tests

				<a href="https://diksha.gov.in/play/content/do_43134312734382899201513?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134312734382899201513?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> Effect of heating of bi-metallic strip	
8.	JANUARY 2026	22	<b>UNIT- 9</b> – Behaviour of perfect gases and kinetic theory of gases ( 08 periods) <b>Chapter- 13</b> Kinetic theory of gases <b>UNIT- 10</b> - Oscillations and waves (26 periods) <b>Chapter- 14</b> Oscillations	<a href="https://diksha.gov.in/play/content/do_43134312734384373761527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134312734384373761527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://phet.colorado.edu/sims/html/pendulum_lab/latest/pendulum-lab_en.html">https://phet.colorado.edu/sims/html/pendulum_lab/latest/pendulum-lab_en.html</a> Simple pendulum	PERIODIC TEST 2
9.	FEBRUARY 2026	23	<b>Chapter- 15</b> Waves	<a href="https://diksha.gov.in/play/content/do_43134312734389534721549?referrer=utmsource%3Dmobile%26utm_campaign%3Dsharecontent">https://diksha.gov.in/play/content/do_43134312734389534721549?referrer=utmsource%3Dmobile%26utm_campaign%3Dsharecontent</a>  Resonance tube REVISION	Session Ending practical examination.
10	MARCH 2026	23		SESSION ENDING EXAM	SESSION ENDING EXAM

• **Chemistry: (043)**

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	June 2026	7	<ul style="list-style-type: none"> <li>○ Some basic concepts of Chemistry (7 Marks)</li> </ul>	1. <a href="https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do31308511749356748811216">https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do31308511749356748811216</a>  2. <a href="https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do31308512522313728011221">https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do31308512522313728011221</a>	Slip test
2	July 2026	26	3. Structure of Atom (9 marks)  PRACTICAL: Basic Laboratory Techniques	1. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do31308790565829836813140">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do31308790565829836813140</a>  2. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do31308791960796364812305">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do31308791960796364812305</a>  3. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130879234472263681357">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130879234472263681357</a>  4. <a href="https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do31315878899585024011176">https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do31315878899585024011176</a>  5. <a href="https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do_31315879214627225611895">https://diksha.gov.in/play/collection/do31343206741537587211112?contentId=do_31315879214627225611895</a>	Slip test/ Monthly Test

3	August 2026	23	4.Classification of Elements and Periodicity in Properties (6 marks)  PRACTICAL Quantitative Estimation	<p>1.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907093605826561465">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907093605826561465</a></p> <p>2.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907116611092481415">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907116611092481415</a></p> <p>3.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907149896417281423">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907149896417281423</a></p> <p>4.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907173966315521467">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do3130907173966315521467</a></p>	Periodic Test- 1
4	Septem ber 2026	24	4.Chemical Bonding and Molecular Structure (7 marks) 5.Chemical Thermodynamics  PRACTICAL Quantitative Estimation	<p>1.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130921992839823361956">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130921992839823361956</a></p> <p>2.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922019188244481644">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922019188244481644</a></p> <p>3.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922044636610561645">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922044636610561645</a></p> <p>4.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922073003704321996">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922073003704321996</a></p> <p>5.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922099511705601997">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922099511705601997</a></p> <p>6.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922145239772811164">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922145239772811164</a></p> <p><b>Chemical Thermodynamics</b></p> <p>1.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006264192286721676">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006264192286721676</a></p> <p>2.<a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006278968934401647">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006278968934401647</a></p>	Monthly Test

				<p>3. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006296365137921648">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006296365137921648</a></p> <p>4. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006311874969601488">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006311874969601488</a></p> <p>5. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006328165908481486">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006328165908481486</a></p> <p>6. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006343161528321487">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006343161528321487</a></p>	
5	October 2026	16	<p>6. Equilibrium (Physical) (7 marks) REVISION PRACTICAL Experiments related to pH changes Chemical Equilibrium</p>	<p>1. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771067678720012548">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771067678720012548</a></p> <p>2. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771403129651213531">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771403129651213531</a></p> <p>3. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771532955648012552">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771532955648012552</a></p>	Monthly Test
6	November 2026	23	<p>6. Equilibrium (continued) 7. Redox Reactions (4 marks) PRACTICAL Qualitative analysis</p>	<p>4. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771719475200014360">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771719475200014360</a></p> <p>5. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_313155097166282752158">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_313155097166282752158</a></p> <p>6. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131551965545267201512">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131551965545267201512</a></p> <p><b>Redox Reactions</b></p> <p>1. <a href="https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3130702520829952001274">https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3130702520829952001274</a></p>	HALF YEARLY

7	December 2026	18	8. Organic Chemistry Some basic principles and techniques (11 marks) PRACTICAL Qualitative analysis	1. <a href="https://diksha.gov.in/play/collection/do_3130745736690892801_9242?contentId=do_3131552364074598401237">https://diksha.gov.in/play/collection/do_3130745736690892801_9242?contentId=do_3131552364074598401237</a>	Slip Test
8	January 2027	22	9. Hydrocarbon (Aliphatic) (10 marks) PRACTICAL 1.Characterisation and purification of chemical substance 2. Project Work	1. <a href="https://diksha.gov.in/play/collection/do_3130745736690892801_9242?contentId=do_31269372508618752013119">https://diksha.gov.in/play/collection/do_3130745736690892801_9242?contentId=do_31269372508618752013119</a>	Periodic Test- 2
9	February 2027	23	9. Hydrocarbon (Aromatic) REVISION	<a href="https://diksha.gov.in/play/collection/do_3130745736690892801_9242?contentId=do_3131142303478824961206">https://diksha.gov.in/play/collection/do_3130745736690892801_9242?contentId=do_3131142303478824961206</a>	Revision Test
10	March 2027				SESSION ENDING EXAM

• **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		.....		
2.	June	7	1.Sets	<a href="https://diksha.gov.in/resources/play/content/do_314470195979075584116592">https://diksha.gov.in/resources/play/content/do_314470195979075584116592</a>	
3.	July	26	2. Relations and Functions. 3.Trigonometric Functions.	<a href="https://diksha.gov.in/resources/play/content/do_31443123650813952011722">https://diksha.gov.in/resources/play/content/do_31443123650813952011722</a> <a href="https://diksha.gov.in/resources/play/content/do_314452468592680960111568">https://diksha.gov.in/resources/play/content/do_314452468592680960111568</a>	First Periodic Test
4.	August	23	4. Complex Numbers. 5. Linear Inequalities. 6. Permutations and Combinations.	<a href="https://diksha.gov.in/resources/play/content/do_31440226248079769614178">https://diksha.gov.in/resources/play/content/do_31440226248079769614178</a>	
5.	September	24	7. Binomial Theorem. 8. Sequences and Series.	<a href="https://diksha.gov.in/resources/play/content/do_314475286484598784117038">https://diksha.gov.in/resources/play/content/do_314475286484598784117038</a>	
6.	October	16	8. Sequences and Series - Contd.	<a href="https://diksha.gov.in/resources/play/content/do_31443072288651673611065">https://diksha.gov.in/resources/play/content/do_31443072288651673611065</a>	Half-Yearly Examination

7.	November	23	9. Straight Lines. 10. Conic Sections.	<a href="https://diksha.gov.in/resources/play/content/do_314470191485698048114251">https://diksha.gov.in/resources/play/content/do_314470191485698048114251</a>	
8.	December	18	11. Introduction to Three Dimensional Geometry. 12. Limits and Derivatives.	<a href="https://diksha.gov.in/resources/play/content/do_314470168101519360114247">https://diksha.gov.in/resources/play/content/do_314470168101519360114247</a>	
9.	January	22	13. Statistics. 14. Probability.	<a href="https://diksha.gov.in/resources/play/content/do_314470193905254400114252">https://diksha.gov.in/resources/play/content/do_314470193905254400114252</a>	Second Periodic Test
10.	February	23	Revision		
11.	March	23	.....		Session Ending 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	June 2026	7	<p><b><u>Unit-I Diversity of Living Organisms</u></b></p> <p>Chapter-1: The Living World</p> <p>Biodiversity; Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binomial nomenclature</p>	<p>ART INTEGRATED ACTIVITY. Prepare a power point presentation on Biodiversity and Online Intersection class XI Panel Discussion with English and Biology faculty</p> <p>Diversity in living world  <a href="https://diksha.gov.in/play/content/do_431343761148983705612931">https://diksha.gov.in/play/content/do_431343761148983705612931</a>            Species, genus, class  <a href="https://diksha.gov.in/play/content/do_431343761148984524812932">https://diksha.gov.in/play/content/do_431343761148984524812932</a>            Changes in classification  <a href="https://diksha.gov.in/play/content/do_431343761149000089612945">https://diksha.gov.in/play/content/do_431343761149000089612945</a>            Summary of classification  <a href="https://diksha.gov.in/play/content/do_431343761148999270412944">https://diksha.gov.in/play/content/do_431343761148999270412944</a>            SPOTTING:            1. Parts of a compound microscope.</p>	Chapter Ending test, Slip test, Diagram based tests

			<p>Chapter-2: Biological Classification</p> <p>Five kingdom classification; Salient features and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids.</p>	<p>Drawing various structures and discussion about enzyme mediated processes. Make herbarium. Case Studies, Hands on Activities</p> <p>Five kingdom classification  <a href="https://diksha.gov.in/play/content/do_431343761148987801612935">https://diksha.gov.in/play/content/do_431343761148987801612935</a>  Eubacteria  <a href="https://diksha.gov.in/play/content/do_431343761148990259212937">https://diksha.gov.in/play/content/do_431343761148990259212937</a>  Protista, euglenoids  <a href="https://diksha.gov.in/play/content/do_431343761148991897612938">https://diksha.gov.in/play/content/do_431343761148991897612938</a>  Fungi  <a href="https://diksha.gov.in/play/content/do_431343819885888307213563">https://diksha.gov.in/play/content/do_431343819885888307213563</a>  Phycomycetes and Ascomycetes  <a href="https://diksha.gov.in/play/content/do_431343761148995174412941">https://diksha.gov.in/play/content/do_431343761148995174412941</a>  Viruses  <a href="https://diksha.gov.in/play/content/do_431343761148996812812942">https://diksha.gov.in/play/content/do_431343761148996812812942</a>  Viroids, prions and lichens  <a href="https://diksha.gov.in/play/content/do_431343761148998451212943">https://diksha.gov.in/play/content/do_431343761148998451212943</a></p>	<p>Class Test  Slip test  MCQ  Chapter Ending test, Slip test,  Diagram based tests</p>
2.	JULY 2026	26	<p>Chapter-3: Plant Kingdom</p> <p>Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae (Topics excluded Angiosperms, Plant</p>	<p>Chlorophyceae  <a href="https://diksha.gov.in/play/content/do_431343761149000908812946">https://diksha.gov.in/play/content/do_431343761149000908812946</a>  Phaeophyceae  <a href="https://diksha.gov.in/play/content/do_431343761149002547212947">https://diksha.gov.in/play/content/do_431343761149002547212947</a>  Liverworts, mosses  <a href="https://diksha.gov.in/play/content/do_431343761149004185612949">https://diksha.gov.in/play/content/do_431343761149004185612949</a>  Pteridophytes</p>	<p>Chapter Ending test,  Slip test,  Diagram based tests</p>

		Life Cycle and Alternation of Generations)	<a href="https://diksha.gov.in/play/content/do_431343761149005004812950">https://diksha.gov.in/play/content/do_431343761149005004812950</a> Pteridophytes-life cycle <a href="https://diksha.gov.in/play/content/do_431343761149005824012951">https://diksha.gov.in/play/content/do_431343761149005824012951</a> Gymnosperms-1 <a href="https://diksha.gov.in/play/content/do_431343761149006643212952">https://diksha.gov.in/play/content/do_431343761149006643212952</a> Demonstration of structure Animal tissues Online. Display of types of tissue with concept mapping. Brain Storming sessions with hands on activities.  <b>SPOTTING:</b>  2. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.	
		Chapter-4: Animal Kingdom  Salient features and classification of animals, non-chordates up to phyla level and chordates up to class level (salient features and at a few examples of each category). (No live animals or specimen should be displayed.)	Draw various organisms and discussion on it. Case Studies, Hands on Activities <a href="https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent&amp;contentId=do_31310502395929395212243">https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dsharecontent&amp;contentId=do_31310502395929395212243</a>  <b>SPOTTING:</b> 3. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.	Chapter Ending test, Slip test, Diagram based tests
		Chapter-5: Morphology of Flowering Plants  Morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit	Draw various structures and discussion about enzyme mediated processes. Make herbarium. Case Studies, Hands on Activities. <b>EXPERIMENT:</b> 1. Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or	Chapter Ending test, Slip test, Diagram based tests

			and seed. Description of family Solanaceae	<p>Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound).</p> <p>Flower  <a href="https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do3131545396334592001848">https://diksha.gov.in/play/collection/do_31310347527677542411483?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do3131545396334592001848</a></p> <p>Floral Formula  <a href="https://diksha.gov.in/play/content/do_431340140667650867211000">https://diksha.gov.in/play/content/do_431340140667650867211000</a></p> <p>Inflorescence Floral Diagram  <a href="https://diksha.gov.in/play/content/do_431340140667651686411001">https://diksha.gov.in/play/content/do_431340140667651686411001</a> <u>Morphology of Flowering Plant</u>  <a href="https://diksha.gov.in/play/content/do_43134014066755584001994">https://diksha.gov.in/play/content/do_43134014066755584001994</a></p> <p>Leaf Morphology  <a href="https://diksha.gov.in/play/content/do_43134014066764595201996">https://diksha.gov.in/play/content/do_43134014066764595201996</a></p> <p>Stem Morphology  <a href="https://diksha.gov.in/play/content/do_43134014066764431361995">https://diksha.gov.in/play/content/do_43134014066764431361995</a></p> <p>Fruit  <a href="https://diksha.gov.in/play/content/do_43134014066764922881999">https://diksha.gov.in/play/content/do_43134014066764922881999</a></p> <p><b>EXPERIMENT:</b></p> <p>4. Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb).</p> <p>5. Study of distribution of stomata on the upper and lower surfaces of leaves.</p>	
3.	AUGUST 2026	23	<p><b><u>Unit-II Structural Organization in Plants and Animals</u></b></p> <p><b><u>Chapter-6:</u></b> Anatomy of Flowering Plants</p>	<p>Characteristics of Dicot and Monocot Stem and Root  <a href="https://diksha.gov.in/play/content/do_31315453920771276811098">https://diksha.gov.in/play/content/do_31315453920771276811098</a></p> <p>Introduction to The Tissue System  <a href="https://diksha.gov.in/play/content/do_431340140667656601611006">https://diksha.gov.in/play/content/do_431340140667656601611006</a></p> <p>Permanent Tissues  <a href="https://diksha.gov.in/play/content/do_431340140667654144011004">https://diksha.gov.in/play/content/do_431340140667654144011004</a></p>	PERIODIC TEST-1

			<p>Anatomy and functions of tissue systems in dicots and monocots.</p>	<p>Complex Permanent Tissues  <a href="https://diksha.gov.in/play/content/do_431340140667655782411005">https://diksha.gov.in/play/content/do_431340140667655782411005</a>  Vascular Tissue System  <a href="https://diksha.gov.in/play/content/do_431340140667657420811007">https://diksha.gov.in/play/content/do_431340140667657420811007</a>  Vascular Cambium  <a href="https://diksha.gov.in/play/content/do_431340140667661516811010">https://diksha.gov.in/play/content/do_431340140667661516811010</a>  Anatomy of Dicotyledonous Roots  <a href="https://diksha.gov.in/play/content/do_431340140667659059211008">https://diksha.gov.in/play/content/do_431340140667659059211008</a>  Anatomy of Monocotyledonous Stem  <a href="https://diksha.gov.in/play/content/do_431340140667659878411009">https://diksha.gov.in/play/content/do_431340140667659878411009</a>  Draw various structures and discussion about enzyme mediated processes. Make herbarium. Case Studies, Hands on Activities</p> <p><b>EXPERIMENT</b>  2. Preparation and study of T.S. of dicot and monocot roots and stems (primary).</p> <p><b>SPOTTING</b>  5. Types of inflorescence (cymose and racemose).</p>	
			<p>Chapter-7: Structural Organisation in Animals</p> <p>Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of frog.</p>	<p>Draw different organ systems of frog and discussion about enzyme mediated processes. Case Studies, Hands on Activities</p> <p>Frog 1  <a href="https://diksha.gov.in/play/content/do_4313342753859158016116684">https://diksha.gov.in/play/content/do_4313342753859158016116684</a>  Frog 2  <a href="https://diksha.gov.in/play/content/do_4313342753859174400116685">https://diksha.gov.in/play/content/do_4313342753859174400116685</a></p>	<p>Chapter Ending test, Slip test, Diagram based tests</p>
			<p><b><u>Unit-III Cell: Structure and Function</u></b>  Chapter-8: Cell-The Unit of Life</p> <p>Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic</p>	<p>Interactive discussion on discovery of cell, osmosis, plasmolysis and comparison between prokaryotic and Eukaryotic cell. Making diagrams of plant cell animal cell with visualization of organelles structure and their function.</p> <p>Introduction  <a href="https://diksha.gov.in/play/content/do_43133712866265415681145">https://diksha.gov.in/play/content/do_43133712866265415681145</a></p>	<p>Chapter Ending test, Slip test, Diagram based tests</p>

			<p>cells; Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum, Golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.</p>	<p>Living Cell  <a href="https://diksha.gov.in/play/content/do_43133712866265743361146">https://diksha.gov.in/play/content/do_43133712866265743361146</a>          Prokaryotic Cell  <a href="https://diksha.gov.in/play/content/do_43133712866265907201147">https://diksha.gov.in/play/content/do_43133712866265907201147</a>          Ribosomes  <a href="https://diksha.gov.in/play/content/do_43133712866266808321156">https://diksha.gov.in/play/content/do_43133712866266808321156</a>          Parts of cell  <a href="https://diksha.gov.in/play/content/do_43133712866265989121148">https://diksha.gov.in/play/content/do_43133712866265989121148</a>          Cell Wall  <a href="https://diksha.gov.in/play/content/do_43133712866266480641152">https://diksha.gov.in/play/content/do_43133712866266480641152</a>          Golgi Apparatus  <a href="https://diksha.gov.in/play/content/do_43133712866266644481154">https://diksha.gov.in/play/content/do_43133712866266644481154</a>          Mitochondria and Plastids  <a href="https://diksha.gov.in/play/content/do_43133712866266726401155">https://diksha.gov.in/play/content/do_43133712866266726401155</a>          Endoplasmic Reticulum  <a href="https://diksha.gov.in/play/content/do_43133712866266562561153">https://diksha.gov.in/play/content/do_43133712866266562561153</a>          Cell Membrane  <a href="https://diksha.gov.in/play/content/do_43133712866266234881150">https://diksha.gov.in/play/content/do_43133712866266234881150</a>          Nucleus  <a href="https://diksha.gov.in/play/content/do_43133712866267136001159">https://diksha.gov.in/play/content/do_43133712866267136001159</a>  <b>EXPERIMENT</b>  <b>3. Study of osmosis by potato osmometer.</b></p>	
4.	September 2026	24	<p>Chapter-9: Biomolecules</p> <p>Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action. (Topics excluded: Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents Concept of</p>	<p>Polysaccharides  <a href="https://diksha.gov.in/play/content/do_43133712866267791361165">https://diksha.gov.in/play/content/do_43133712866267791361165</a>          lipids  <a href="https://diksha.gov.in/play/content/do_43133712866267463681162">https://diksha.gov.in/play/content/do_43133712866267463681162</a>          Metabolites  <a href="https://diksha.gov.in/play/content/do_43133712866267709441164">https://diksha.gov.in/play/content/do_43133712866267709441164</a>          Proteins  <a href="https://diksha.gov.in/play/content/do_43133712866267873281166">https://diksha.gov.in/play/content/do_43133712866267873281166</a>          Structure of Proteins  <a href="https://diksha.gov.in/play/content/do_43133712866268282881167">https://diksha.gov.in/play/content/do_43133712866268282881167</a>          Polynucleotide  <a href="https://diksha.gov.in/play/content/do_43133712866267627521163">https://diksha.gov.in/play/content/do_43133712866267627521163</a></p>	<p>Chapter Ending test, Slip test, Diagram based tests</p>

		Metabolism, Metabolic Basis of Living, The Living State)	<p>Enzyme Activity  <a href="https://diksha.gov.in/play/content/do_43133712866269102081174">https://diksha.gov.in/play/content/do_43133712866269102081174</a>            Enzyme Catalysed reactions  <a href="https://diksha.gov.in/play/content/do_43133712866268938241172">https://diksha.gov.in/play/content/do_43133712866268938241172</a>            Art integration -draw colourful structures of different biomolecules.  <b>EXPERIMENT:</b>  <b>7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.</b></p>	
		Chapter-10: Cell Cycle and Cell Division Cell cycle, mitosis, meiosis and their significance	<p>Study of different phases of mitosis onion root tip, and animal cells (grasshopper). Art Integrated Activity- Prepare Mitosis and Meiosis Cards Using Beautiful colours and creativity to show crossing over, terminalisation of chiasmata, chromosomes moving over spindle fibers. solve it like a jig saw puzzle online in group of 6.</p> <p>Phases of Cell Cycle  <a href="https://diksha.gov.in/play/content/do_43134297902481489921180">https://diksha.gov.in/play/content/do_43134297902481489921180</a>            Prophase  <a href="https://diksha.gov.in/play/content/do_43134297902481571841181">https://diksha.gov.in/play/content/do_43134297902481571841181</a>            Telophase  <a href="https://diksha.gov.in/play/content/do_43134297902481735681182">https://diksha.gov.in/play/content/do_43134297902481735681182</a>            Characteristics of Meiosis  <a href="https://diksha.gov.in/play/content/do_43134297902481817601183">https://diksha.gov.in/play/content/do_43134297902481817601183</a>            Prophase II and Metaphase II  <a href="https://diksha.gov.in/play/content/do_43134297902482145281185">https://diksha.gov.in/play/content/do_43134297902482145281185</a></p> <p><b>SPOTTING</b>  <b>4. Mitosis in onion root tip cells and animal's cells (grasshopper) from permanent slides.</b></p>	Class Test Chapter Ending test, Slip test, Diagram based tests

5.	October 2026	16	<p><b>Unit-IV Plant Physiology</b> Chapter-11: Photosynthesis in Higher Plants</p> <p>Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis.</p>	<p>Photosynthesis In Higher Plants <a href="https://diksha.gov.in/play/content/do_312988866800041984133">https://diksha.gov.in/play/content/do_312988866800041984133</a> Chloroplast and Chlorophyll Pigments <a href="https://diksha.gov.in/play/content/do_43134297902487142401208">https://diksha.gov.in/play/content/do_43134297902487142401208</a> Light Harvesting Complex <a href="https://diksha.gov.in/play/content/do_43134297902487224321209">https://diksha.gov.in/play/content/do_43134297902487224321209</a> Non-Cyclic Photophosphorylation <a href="https://diksha.gov.in/play/content/do_43134297902487470081211">https://diksha.gov.in/play/content/do_43134297902487470081211</a> Photorespiration <a href="https://diksha.gov.in/play/content/do_43134297902487961601216">https://diksha.gov.in/play/content/do_43134297902487961601216</a> C3 Cycle <a href="https://diksha.gov.in/play/content/do_43134297902487715841213">https://diksha.gov.in/play/content/do_43134297902487715841213</a> Cycle Part II <a href="https://diksha.gov.in/play/content/do_43134297902487797761214">https://diksha.gov.in/play/content/do_43134297902487797761214</a> Chemiosmotic Hypothesis <a href="https://diksha.gov.in/play/content/do_43134297902487633921212">https://diksha.gov.in/play/content/do_43134297902487633921212</a> C4 Cycle <a href="https://diksha.gov.in/play/content/do_43134297902487879681215">https://diksha.gov.in/play/content/do_43134297902487879681215</a> Factors affecting Photosynthesis <a href="https://diksha.gov.in/play/content/do_43134297902488125441217">https://diksha.gov.in/play/content/do_43134297902488125441217</a> Processes Involved In Respiration And Photosynthesis <a href="https://diksha.gov.in/play/content/do_312988866810789888134">https://diksha.gov.in/play/content/do_312988866810789888134</a></p> <p>Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities - Pair and Share with Peer teaching methods Interactive Discussion and Reasoning Questionnaire <b>EXPERIMENT:</b> <b>8. Separation of plant pigments through paper chromatography.</b></p>	HALF YEARLY EXAMINATI ON
6.	November 2026	23	<p>Chapter-12: Respiration in Plants</p> <p>Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA</p>	<p>Glycolysis <a href="https://diksha.gov.in/play/content/do_43134297902488289281219">https://diksha.gov.in/play/content/do_43134297902488289281219</a> Lactic Acid Fermentation <a href="https://diksha.gov.in/play/content/do_43134297902488371201220">https://diksha.gov.in/play/content/do_43134297902488371201220</a> Link Reaction <a href="https://diksha.gov.in/play/content/do_43134297902488453121221">https://diksha.gov.in/play/content/do_43134297902488453121221</a></p>	Chapter Ending test, Slip test, Diagram based tests

			<p>cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.</p>	<p>Respiratory Balance Sheet  <a href="https://diksha.gov.in/play/content/do_43134297902488535041222">https://diksha.gov.in/play/content/do_43134297902488535041222</a>            Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities Pair and Share with Peer teaching methods Interactive Discussion and Reasoning Questionnaire  <b>EXPERIMENT:</b>  <b>9. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.</b></p>	
			<p>Chapter-13: Plant - Growth and Development</p> <p>Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes 4 in a plant cell; plant growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.</p>	<p>Plant Growth is Measurable            Growth Rates  <a href="https://diksha.gov.in/play/content/do_43134297902488780801224">https://diksha.gov.in/play/content/do_43134297902488780801224</a>            Growth Rates  <a href="https://diksha.gov.in/play/content/do_43134297902488780801224">https://diksha.gov.in/play/content/do_43134297902488780801224</a>            Dedifferentiation &amp; Redifferentiation  <a href="https://diksha.gov.in/play/content/do_43134297902488862721225">https://diksha.gov.in/play/content/do_43134297902488862721225</a>            Discovery of Plant Growth Regulators  <a href="https://diksha.gov.in/play/content/do_43134297902489026561226">https://diksha.gov.in/play/content/do_43134297902489026561226</a>            Effects of Plant Growth Regulators  <a href="https://diksha.gov.in/play/content/do_43134297902489272321228">https://diksha.gov.in/play/content/do_43134297902489272321228</a>            Plants Growth And Development: Plant Hormones  <a href="https://diksha.gov.in/play/content/do_312988866819620864135">https://diksha.gov.in/play/content/do_312988866819620864135</a></p> <p>Drawing various flow charts and discussion on it Case Studies, Hands on Activities Pair and Share with Peer teaching methods Interactive Discussion and Reasoning Questionnaire  <b>EXPERIMENT:</b>  <b>6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.</b></p>	<p>Chapter Ending test, Slip test, Diagram based tests</p>
7.	December 2026	18	<p><b>Unit-V Human Physiology</b></p> <p>Chapter-14: Breathing and Exchange of Gases</p>	<p>Introduction &amp; Respiratory Organs  <a href="https://diksha.gov.in/play/content/do_43134307454701977601344">https://diksha.gov.in/play/content/do_43134307454701977601344</a>            Transport of Gases  <a href="https://diksha.gov.in/play/content/do_43134307454702223361346">https://diksha.gov.in/play/content/do_43134307454702223361346</a></p>	<p>Chapter Ending test, Slip test, Diagram based tests</p>

			Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders.	Respiratory Volumes <a href="https://diksha.gov.in/play/content/do_43134307454702141441345">https://diksha.gov.in/play/content/do_43134307454702141441345</a> Disorders of Respiratory System <a href="https://diksha.gov.in/play/content/do_43134307454702387201347">https://diksha.gov.in/play/content/do_43134307454702387201347</a>  Drawing various flow charts and discussion about enzyme mediated processes. Case Studies, Hands on Activities	
			Chapter-15: Body Fluids and Circulation  Composition of blood, blood groups, coagulation of blood; composition of lymph and its function; human circulatory system - Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.	Blood and Components of Blood <a href="https://diksha.gov.in/play/content/do_43134307454702632961349">https://diksha.gov.in/play/content/do_43134307454702632961349</a> Blood Groups <a href="https://diksha.gov.in/play/content/do_43134307454702714881350">https://diksha.gov.in/play/content/do_43134307454702714881350</a> Human Circulatory System <a href="https://diksha.gov.in/play/content/do_43134307454702878721352">https://diksha.gov.in/play/content/do_43134307454702878721352</a> Cardiac Cycle <a href="https://diksha.gov.in/play/content/do_43134307454703042561353">https://diksha.gov.in/play/content/do_43134307454703042561353</a> Introduction of Lymph <a href="https://diksha.gov.in/play/content/do_43134307454702796801351">https://diksha.gov.in/play/content/do_43134307454702796801351</a> Double Circulation <a href="https://diksha.gov.in/play/content/do_43134307454703124481354">https://diksha.gov.in/play/content/do_43134307454703124481354</a> Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities	Chapter Ending test, Slip test, Diagram based tests
8.	January 2027	22	Chapter-16: Excretory Products and their Elimination  Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system – structure and function; urine formation,	Introduction <a href="https://diksha.gov.in/play/content/do_43134307454703534081358">https://diksha.gov.in/play/content/do_43134307454703534081358</a> Introduction of Excretion <a href="https://diksha.gov.in/play/content/do_43134307454703206401355">https://diksha.gov.in/play/content/do_43134307454703206401355</a> Functional Unit of Excretory System <a href="https://diksha.gov.in/play/content/do_43134307454703288321356">https://diksha.gov.in/play/content/do_43134307454703288321356</a> Fate of Ammonia <a href="https://diksha.gov.in/play/content/do_43134297902486896641206">https://diksha.gov.in/play/content/do_43134297902486896641206</a>	PERIODIC TEST-2

		<p>osmoregulation; regulation of kidney function - renin - angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.</p>	<p>Introduction and Recall test  <a href="https://diksha.gov.in/play/content/do_43134307454703370241357">https://diksha.gov.in/play/content/do_43134307454703370241357</a>  Counter Current Mechanism  <a href="https://diksha.gov.in/play/content/do_43134307454703616001359">https://diksha.gov.in/play/content/do_43134307454703616001359</a>  Connection Between Brain(CNS)  <a href="https://diksha.gov.in/play/content/do_43134307454703861761361">https://diksha.gov.in/play/content/do_43134307454703861761361</a>  Uremia  <a href="https://diksha.gov.in/play/content/do_43134307454704025601363">https://diksha.gov.in/play/content/do_43134307454704025601363</a>  ADH Excretion  <a href="https://diksha.gov.in/play/content/do_43134307454703697921360">https://diksha.gov.in/play/content/do_43134307454703697921360</a>  Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities</p> <p><b>EXPERIMENTS:</b></p> <p>10. Test for presence of urea in urine.  11. Test for presence of sugar in urine.  12. Test for presence of albumin in urine.  13. Test for presence of bile salts in urine.</p>	
		<p>Chapter-17: Locomotion and Movement</p> <p>Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.</p>	<p>Types of Movement  <a href="https://diksha.gov.in/play/content/do_43134307454704271361365">https://diksha.gov.in/play/content/do_43134307454704271361365</a>  Mechanism of Muscle contraction  <a href="https://diksha.gov.in/play/content/do_43134307454704435201366">https://diksha.gov.in/play/content/do_43134307454704435201366</a>  Axial Skeletal System  <a href="https://diksha.gov.in/play/content/do_43134307454704517121367">https://diksha.gov.in/play/content/do_43134307454704517121367</a>  Fibrous joints &amp; Cartilaginous Joints  <a href="https://diksha.gov.in/play/content/do_43134307454704680961368">https://diksha.gov.in/play/content/do_43134307454704680961368</a>  Disorders of skeletal system  <a href="https://diksha.gov.in/play/content/do_43134307454704762881369">https://diksha.gov.in/play/content/do_43134307454704762881369</a>  Mechanism Of Muscle Contraction  <a href="https://diksha.gov.in/play/content/do_312988866951643136112">https://diksha.gov.in/play/content/do_312988866951643136112</a>  Sports Integrated Activity Yoga and Muscle Contraction and Relaxation- Spread your mats and perform : Sukhasana, Tadasana, Shashankasana, Padamasana, Naukasana, Vrikshasana.</p>	<p>Chapter Ending test, Slip test, Diagram based tests</p>

				SPOTTING: 6. Human skeleton and different types of joints with the help of virtual images/models only.	
			Chapter-18: Neural Control and Coordination  Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse	Human Neural System <a href="https://diksha.gov.in/play/content/do_43134307454705090561371">https://diksha.gov.in/play/content/do_43134307454705090561371</a> Structure of Neuron <a href="https://diksha.gov.in/play/content/do_43134307454705172372">https://diksha.gov.in/play/content/do_43134307454705172372</a> Neural System in Lower Organisms <a href="https://diksha.gov.in/play/content/do_43134307454704844801370">https://diksha.gov.in/play/content/do_43134307454704844801370</a> Structure of Brain <a href="https://diksha.gov.in/play/content/do_43134307454705254401373">https://diksha.gov.in/play/content/do_43134307454705254401373</a>  Drawing various cycles and discussion about enzyme mediated processes. Case Studies, Hands on Activities	Chapter Ending test, Slip test, Diagram based tests
9.	February 2027	23	Chapter-19: Chemical coordination and Integration  <b>Comprehensive Revision, Practical Examination and Project Submission</b>	<a href="https://diksha.gov.in/play/content/do_3129450587011891201434">https://diksha.gov.in/play/content/do_3129450587011891201434</a> <a href="https://diksha.gov.in/play/content/do_313001032893472768164">https://diksha.gov.in/play/content/do_313001032893472768164</a> <a href="https://diksha.gov.in/play/content/do_3129450599374684161487">https://diksha.gov.in/play/content/do_3129450599374684161487</a> <a href="https://diksha.gov.in/play/content/do_31263290159916646411385">https://diksha.gov.in/play/content/do_31263290159916646411385</a>  Disease related to all the human physiological system to be taught in brief Case Studies, Hands on Activities, Revision worksheets	Revision Test / Slip
10.	March 2027	23	Session Ending Examination	SESSION ENDING EXAMINATION	

## 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	June & July 2026	7 + 26	<p><b>Unit I: Computer Systems and Organisation</b>            Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB)</p> <p><b>Types of software:</b> System software (Operating systems, system utilities, device drivers), programming tools and language translators ( assembler, compiler, and interpreter), application software</p> <p><b>Operating System(OS):</b> functions of the operating system, OS user interface</p> <p><b>Boolean logic:</b> NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan’s laws, Logic circuits</p> <p><b>Number System:</b> Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems</p> <p><b>Encoding Schemes:</b> ASCII, ISCII, and Unicode (UTF8, UTF32)</p>	<p>1. Teaching Aids: Digital Presentation Tools: Use PowerPoint/Google Slides with embedded videos and diagrams.</p> <p>2. Physical Models: Use CPU and memory hardware models (or disassembled CPUs) to demonstrate components.</p>	Class Test
2	August 2026	23	<p><b><u>Unit II: Computational Thinking and Programming -</u></b>            Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging),</p>	1. Python IDEs: Install and use beginner-friendly IDEs like Thonny, IDLE, or Jupyter Notebook.	Periodic Test - 1

			<p>representation of algorithms using flowchart and pseudo code, decomposition</p> <p><b>Familiarization with the basics of Python programming:</b> Introduction to Python, Features of Python, executing a simple “hello world” program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments.</p> <p>Knowledge of data types: Number (integer, floating point, complex), boolean, sequence (string, list, tuple), None, Mapping (dictionary), mutable and immutable data types.</p> <p><b>Operators:</b> arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in)</p> <p>Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and implicit conversion), accepting data as input from the console and displaying output.</p> <p>Errors- syntax errors, logical errors, and run-time errors</p>	<p>2 . Python Tutor to visually demonstrate how Python code runs step-by-step.</p> <p><a href="https://pythontutor.com">https://pythontutor.com</a></p>	
3	September 2026	24	<p><b>Flow of Control:</b> introduction, use of indentation, sequential flow, conditional and iterative flow.</p> <p><b>Conditional statements:</b> if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number.</p> <p><b>Iterative Statement:</b> for loop, range (), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number, etc.</p>	<ol style="list-style-type: none"> <li>1. Python IDE practice using Thonny / IDLE / Jupyter Notebook for writing and executing programs.</li> <li>2. Use Python Tutor (pythontutor.com) to visually trace loops and conditional statements step-by-step.</li> <li>3. Interactive flowchart creation using draw.io / Lucidchart for understanding program logic.</li> <li>4. Pattern-based coding activities to develop logical thinking.</li> </ol>	Class Test

			<b>Strings:</b> introduction, string operations (concatenation, repetition, membership and slicing), traversing a string using loops, built-in functions/methods–len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()	5. Peer learning: students debug each other's Python programs.	
4	October 2026	16	<b>Lists:</b> introduction, indexing, list operations (concatenation, repetition, membership and slicing), traversing a list using loops, built-in functions/methods–len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list.	<ol style="list-style-type: none"> <li>1. Demonstration of list operations using live coding sessions.</li> <li>2. Use Jupyter Notebook interactive cells for step-by-step code explanation.</li> <li>3. Visual explanation of mutable vs immutable data types using diagrams.</li> <li>4. Mini classroom coding challenge: create simple programs using lists.</li> <li>5. Use online coding platforms (Replit / Programiz) for practice.</li> </ol>	Class Tests
5	November 2026	23	<b>Tuples:</b> introduction, indexing, tuple operations (concatenation, repetition, membership and slicing); built-in functions/methods – len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple.	<ol style="list-style-type: none"> <li>1. Concept explanation using real-life examples of modular programming.</li> <li>2. Demonstration of function execution using Python Tutor visualization.</li> <li>3. Students create small reusable functions for mathematical problems.</li> <li>4. Pair programming activity for writing and testing functions.</li> <li>5. Short video tutorials and digital slides explaining parameters and return values.</li> </ol>	Half Yearly
6	December 2026	18	<b>Dictionary:</b> introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary, built-in functions/methods– len(), dict(), keys(), values(), items(), get(), update(), del(), del,	<ol style="list-style-type: none"> <li>1. Concept mapping and mind maps for quick revision of Python concepts.</li> <li>2. Student presentations on programming topics using digital tools.</li> </ol>	Class Tests/Unit Tests/Slip Tests

			<p>clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), sorted()); Suggested programs: count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them.</p> <p><b>Introduction to Python modules:</b> Importing module using ‘import &lt;module&gt;’ and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), randint(), randrange()), statistics module (mean(), median(), mode()).</p>	<p>3. Project-based learning: small Python projects (calculator, number games, etc.).</p> <p>4. Online MCQ quizzes using Google Forms / Kahoot for self-assessment.</p> <p>5. Code debugging sessions to improve programming skills.</p>	
7	January 2027	22	<p><b>Unit III: Society, Law and Ethics</b>, Digital Footprints Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquette</p> <p><b>Data Protection:</b> Intellectual property rights (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache)</p> <p><b>Cyber Crime:</b> definition, hacking, eavesdropping, phishing and fraud emails, ransomware, cyber trolls, cyber bullying</p> <p><b>Cyber safety:</b> safely browsing the web, identity protection, confidentiality</p> <p><b>Malware:</b> viruses, trojans, adware</p> <p><b>E-waste management:</b> proper disposal of used electronic gadgets.</p> <p>Information Technology Act (IT Act)</p> <p><b>Technology and society:</b> Gender and disability issues while teaching and using computers</p>	<p>Roleplay Cards:</p> <p>Real-life scenarios for students to act out issues like phishing, copyright violation, trolling, etc.</p>	Periodic Test II

8	February 2027	23	Comprehensive Revision, Practical Examination and Project Submission		Revision Test / Slip
9	March 2027	23	Session Ending Examination		Session Ending Examination



2	August 2026	23	<p><b>Unit 3: Python Programming</b></p> <p>Level 1: Basics of python programming, character sets, tokens, modes, operators, datatypes, Control Statements Level 2: CSV Files, Libraries – NumPy, Pandas, Scikit-learn</p> <p><b>Unit 2: Employability Skills</b></p> <ul style="list-style-type: none"> <li>❖ Self-Management Skills –III</li> </ul> <p><b>Unit 3: Employability Skills</b></p> <ul style="list-style-type: none"> <li>❖ ICT Skills –III</li> </ul>	<p>Sessions based on Matrices problem, simple statistical problems, Visual representation of data, bar graph, histogram, frequency bins, scatter plots, etc</p> <p>Case Studies based on Ethical Decision Making</p> <p>Time management planners and stress management worksheets.</p>	Perodic Test - 1
3	September 2026	24	<p><b>Unit 4: Introduction to Capstone project</b></p> <ul style="list-style-type: none"> <li>❖ Design Thinking</li> <li>❖ Empathy Map</li> <li>❖ Sustainable Development Goals</li> <li>❖ Capstone Project</li> </ul> <p><b>Unit 5: Data Literacy – Data collection to data analysis</b></p> <ul style="list-style-type: none"> <li>❖ What is Data Literacy?</li> <li>❖ Data Collection</li> <li>❖ Exploring Data</li> <li>❖ Statistical Analysis of data</li> </ul>	Activities on Exploring Data (Pattern recognition)	Class Test

			<ul style="list-style-type: none"> <li>❖ Representation of data, Python Programs for Statistical Analysis and Data Visualization</li> <li>❖ Introduction to Matrices</li> <li>❖ Data Pre-processing</li> <li>❖ Data in Modelling and Evaluation</li> </ul>		
4	October 2026	16	<p><b>Unit 6: Critical &amp; Creative Thinking</b></p> <p><b>Unit 6: Machine Learning Algorithm</b></p> <ul style="list-style-type: none"> <li>❖ Machine Learning in a nutshell</li> <li>❖ Types of Machine Learning</li> <li>❖ Supervised Learning</li> <li>❖ Understanding Correlation, Regression, Finding the line, Linear Regression algorithm</li> </ul>	Practical Sessions on correlation and regression	Class Tests
5	November 2026	23	<ul style="list-style-type: none"> <li>❖ Classification – How it works, Types, k – Nearest Neighbour algorithm</li> <li>❖ Unsupervised Learning</li> <li>❖ Clustering – How it works, Types, k -means Clustering algorithm</li> </ul> <p><b>Unit 7: Leveraging Linguistics and Computer Science</b></p> <ul style="list-style-type: none"> <li>❖ Understanding Human Language Complexity</li> </ul>	1 Practical Sessions on correlation and regression	Half Yearly

			<ul style="list-style-type: none"> <li>❖ Introduction to Natural Language Processing (NLP) - Emotion Detection and Sentiment Analysis, Classification Problems, Chatbot</li> </ul>		
6	December 2026	18	<ul style="list-style-type: none"> <li>❖ Phases of NLP</li> <li>❖ Applications of NLP</li> </ul> <p><b>Unit 4: Employability Skills</b> Entrepreneurial Skills-III</p>	<p>Role Play, Writing reflections and presentations by students on AI Values</p> <p>CBSE Employability Skills Handbook and DIKSHA portal videos.</p>	Class Tests/Unit Tests/Slip Tests
7	January 2027	22	<p><b>Unit 8: AI Ethics and Values</b></p> <ul style="list-style-type: none"> <li>❖ Ethics in Artificial Intelligence</li> <li>❖ The five pillars of AI Ethics</li> <li>❖ Bias, Bias Awareness, Sources of Bias</li> <li>❖ Mitigating Bias in AI Systems</li> <li>❖ Developing AI Policies</li> <li>❖ Moral Machine Game</li> <li>❖ Survival of the Best Fit Game</li> </ul> <p><b>Unit 5: Employability Skills</b> Green Skills -III</p>	<p>1. Role play Cards:</p> <p>Real-life scenarios for students to act out issues like phishing, copyright violation, trolling, etc.</p> <p>Creating "Sustainable Living" posters using recycled materials.</p>	Periodic Test II
8	February 2027	23	Comprehensive Revision, Practical Examination and Project Submission		Revision Test / Slip

9	March 2027		Session Ending Examination		Session Ending Examination
CBSE curriculum – Class XI Artificial Intelligence		<a href="https://cbseacademic.nic.in/web_material/Curriculum26/SrSec/843-AI-XI.pdf">https://cbseacademic.nic.in/web_material/Curriculum26/SrSec/843-AI-XI.pdf</a> <a href="https://cbseacademic.nic.in/web_material/Curriculum21/publication/srsec/Employability_Skills_XI.pdf">https://cbseacademic.nic.in/web_material/Curriculum21/publication/srsec/Employability_Skills_XI.pdf</a>			
CBSE Text Book:		<a href="https://cbseacademic.nic.in/web_material/Curriculum25/publication/srsec/843_AI_Student_HandbookXI.pdf">https://cbseacademic.nic.in/web_material/Curriculum25/publication/srsec/843_AI_Student_HandbookXI.pdf</a>			

**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.	June	7	<b><u>Unit 1: Introduction to Computer System</u></b> <b>Introduction to computer and computing:</b> evolution of computing devices, components of a computer system and their interconnections,	Real hardware demonstration (CPU cabinet, keyboard, mouse, storage devices) Concept maps showing input → process → output cycle	Class Test
2.	July	26	<b>Input/output devices.</b> <b>Computer Memory:</b> Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. <b>Software:</b> purpose and types – system and application software, generic and specific purpose software  <b><u>Unit 2: Introduction to Python</u></b> Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators	Demonstration of input/output devices in lab Charts/models of memory hierarchy Live Python coding using <b>Google Colab interactive notebooks</b> Students practice programs step-by-step in IDLE/JUPYTER  <a href="https://colab.research.google.com">https://colab.research.google.com</a>	Class Test
3.	August	23	Data types, mutable and immutable data types, statements, expression evaluation, comments, input and output statements, data type conversion, debugging.  <b>Control Statements:</b> if-else, if-elif-else, while loop, for loop	Interactive coding sessions in Colab/Jupyter Flowcharts for decision and loop structures Dry-run activities Code prediction exercises	Periodic Test 1
4.	September	24	<b>Lists:</b> list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(), list(),append(),insert(), count(),index(),remove(), pop(), reverse (), sort (), min(),max(),sum() <b>Dictionary:</b> concept of key-value pair, creating, initializing, traversing, updating and deleting elements,	Hands-on list & dictionary manipulation programs Real-life datasets (marks, inventory) Activity: Implement mini record system using lists/dictionaries Demonstration of NumPy arrays using Colab	Class Test

			dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear() <b>Introduction to NumPy:</b> Introduction, Creation of NumPy Arrays from List		
5.	October	16	<b>Unit 3: Database concepts and the Structured Query Language</b> <b>Database Concepts:</b> Introduction to database concepts and its need, Database Management System. <b>Relational data model:</b> Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language,	Charts of keys (primary, foreign, candidate) Case study: School/Library database design	Half -yearly
6.	November	23	Introduction to MySQL, creating a database using MySQL, Data Types <b>Data Definition:</b> CREATE DATABASE, CREATE TABLE, DROP, ALTER <b>Data Query:</b> SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL <b>Data Manipulation:</b> INSERT, DELETE, UPDATE	Computer lab with MySQL / SQLite Live demonstration of SQL commands Hands-on query writing practice Use of online SQL simulators (SQLZoo, W3Schools)	Class Test
7.	December	18	<b>Unit 4: Introduction to the Emerging Trends</b> Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR),	Case studies of real-world applications Group presentations on assigned technologies Poster making / infographic activity	Class Test
8.	January	22	Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	Project-based learning (technology case study)	Periodic Test 2
9	February	23	Revision, conducting practical		Class Test
10.	March		Session Ending Examination		Session Ending Examination