Information Technology (802) Annual & Weekly Syllabus Split-Up - 2025-26 Grade XI No. of No. of Mid April Periodio Periodio Post S.No Month Working Topic Sub Topic Activity Pre Mid Term Mid Term Resources Annual Days Test Test 1 Test 2 Midterm Days Week 1 Week 2 March Week 3 Week 4 Week 5 **CLASS - XI SESSION BEGINS POST SUMMER VACATION** Week 1 Week 2 APRIL 23 Week 3 Week 4 Week 5 Integrated development Environment (NETBEANS), new project in Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos Netbeans, components of Netbeans Fundamentals of Java Programming Week 1 SetText(), Jtextfield, Properties, Data members, Methods (member Text Book, E-Book, Practice Worksheet ynopsis(Summary), Comp Lab, Videos Fundamentals of Java Programming Text Book, E-Book, Practice Worksheet, Integrated development Environment (NETBEANS), new project in Synopsis(Summary), Comp Lab, Videos Netbeans, components of Netbeans Fundamentals of Java Programming Week 2 Text Book, E-Book, Practice Worksheet, SetText(), Jtextfield, Properties, Data members, Methods (member ynopsis(Summary), Comp Lab, Videos Fundamentals of Java Programming Text Book, E-Book, Practice Worksheet, SetText(), Jtextfield, Properties, Data members, Methods (member Synopsis(Summary), Comp Lab, Videos function). JUNE 19 Fundamentals of Java Programming Week 3 SetText(), Jtextfield, Properties, Data members, Methods (member Text Book, E-Book, Practice Worksheet function), Fundamentals of Java Programming Text Book, E-Book, Practice Worksheet SetText(), Jtextfield, Properties, Data members, Methods (member function). ynopsis(Summary), Comp Lab, Videos Fundamentals of Java Programming Week 4 Text Book, E-Book, Practice Worksheet, Storage device in computer, CPU functioning Synopsis(Summary), Comp Lab, Videos Fundamentals of Computer Text Book, E-Book, Practice Worksheet, Storage device in computer, CPU functioning ynopsis(Summary), Comp Lab, Videos Week 5 Fundamentals of Computer Text Rook F-Rook Practice Worksheet I/O Devices, CPU, Secondary Storage devices Week 1 Components of Computer Synopsis(Summary), Comp Lab, Videos I/O Devices, CPU, Secondary Storage devices Text Book, E-Book, Practice Worksheet, Week 2 Components of Computer Text Book, E-Book, Practice Worksheet, OS as a process manager, File manager, Memory manager JULY 27 Week 3 Operating System ynopsis(Summary), Comp Lab, Videos Text Book, E-Book, Practice Worksheet, Resource manager, Types of OS Week 4 Operating System ynopsis(Summary), Comp Lab, Videos Text Book, E-Book, Practice Worksheet, ynopsis(Summary), Comp Lab, Videos Week 5 Revision Revision Week 1 Pre Mid Term Exam 1 Aug to 8 Aug 2025

	l l	Ī				Writing Skills, Sentence, Types of Sentences, Parts of Speech, Connecting	Text Book, E-Book, Practice Worksheet,			_			
	AUGUST	23	Week 2	5	Communication Skills	word or Conjunctions, Active /Passive Voice, Open ended/Cls-ended questions, Phrases, Persuasion / Refusal Skills	Synopsis(Summary), Comp Lab, Videos			√			\
5			Week 3	5	Communication Skills	Writing Skills, Sentence, Types of Sentences, Parts of Speech, Connecting word or Conjunctions, Active /Passive Voice, Open ended/Cls-ended	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos			<			✓
			Week 4	6	Self Management Skills	Demonstrate impressive appearance and grooming, Demonstrate team work, Apply time manangement strategies and techniques, Breaking large tasks into smaller tasks	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos	Group discussion on qualities of a good team		\			√
			Week 5	5	Revision	Revision	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos						
	SEPTEMBER	25	Week 1	5	Term 1	4 Sept to 18 Sept 2025							
6			Week 2	6	Term 1	4 Sept to 18 Sept 2025							
			Week 3	6	Term 1	4 Sept to 18 Sept 2025							
			Week 4	6	Troubleshooting in Computer System, Hardware & Software problem	Problem at StartUp, Problems with Display- Mouse, Printer, Keyboard, Troubleshootinng Hardware problem	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos				✓		✓
			Week 5	2	Utilities	Understand the importance of Utilities, How to scan for presence of virus, Removal of temporary files, Disk defragmentation	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos				✓		✓
		13	Week 1	3	Relational Database Management System	DBMS, RDBMS, MySQL, working with database	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos				\		√
	OCTOBER		Week 2	6	Relational Database Management System	DML commands, creating a table, alter table,	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos				√		✓
7			Week 3	4	Entrepreneurial Skills	Demonstrate the following :Editing the text, Word wrapping and alignment, Removing/Inserting Header and Footer, Listing of entrepreneurial values by the students	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos				✓		✓
			Week 4	0	Diwali Break								
			Week 5	0	Diwali Break								
	NOVEMBER	23	Week 1	0									
			Week 2	5	Periodic Test 2	4 Nov to 11 Nov 2025							
8			Week 3	6	Office Impress	How to start OpenOffice Impress	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					\	✓
			Week 4	6	Computer Networking	Understand Computer network fundamentals, Network devices, Network types & Topology, Domain name	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					√	√
			Week 5	6	Internet and its Terminology	Digital literacy, Network services, Internet Protocol suite	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					✓	✓
	DECEMBER	20	Week 1	6	Internet and its Terminology	Digital literacy, Network services, Internet Protocol suite	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					^	✓
			Week 2	6	Cyber Threats and Cyber Security	Malware, Virus, Worm, Trojan horse, Adware, Spyware, etc. Network security tools, and services, Protective measures while accessing internet	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					\	✓
9			Week 3	6	Cyber Threats and Cyber Security	Malware, Virus, Worm, Trojan horse, Adware, Spyware, etc. Network security tools, and services, Protective measures while accessing internet	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					\	✓
			Week 4	2	Word Processing	editing, Find & Replace, Format tab, Formatting features, Help	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					√	√
			Week 5	0	Spreadsheets	cell, cell address, navigation, wrking with data on spreadsheet, Auto fill, background color, Formatting cell	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos					√	√
	JANUARY	22	Week 1	0	Revision	Cutago value color, i community con							
			Week 2	6	Post Mid Term Exam	6 Jan to 13 Jan 2026							
10			Week 3	5	Green Skills	Components of Green Economy, Water management, Waste management, Polict initiatives for Green Economy in India	Writing a two page essay on important initiatives taken in India for promoting green ecenomy						✓
			Week 4	6	ICT skills	Introduction, Editing Text	Text Book, E-Book, Practice Worksheet, Synopsis(Summary), Comp Lab, Videos						√
			Week 5	5	Revision and Practical Activity		V A						
			Week 1	6	Revision and Practical Activity								
			Week 2	6	ANNUAL EXAMINATION (IX &XI)	10 Feb to 23 Feb 2026							
11	FEBRUARY	23	Week 3	5	ANNUAL EXAMINATION (IX &XI)	10 Feb to 23 Feb 2026							