Road Map for Class XI

1. Subject: Accountancy

2. Objectives

1. Understanding the concept and theory base of accountancy & book- keeping
2. To appreciate the need & importance of source documents & vouchers.
3. Maintenance of records of business transactions
4. Understanding and application of accounting concepts & conventions
5. Calculation of profit & loss
6. Depiction of financial position
7. Providing accounting information to its users
8. Accounting for incomplete records
9. Understanding the role & importance of computers in accounting
10. To develop understanding about Accounting Information System (AIS) & Management Information System (MIS) and relation between them.

3. Month wise division of syllabus along with Learning Outcomes

Lesson No.	Name of the lesson	Learning Outcomes	Month
Unit 1 L 1 L 2	Introduction to Accounting Theory base of Accounting	**After going through this Unit, the students will be able to:** • describe the meaning, significance, objectives, advantages and limitations of accounting in the modem economic environment with varied types of business and non-business economic entities. • identify / recognise the individual(s) and entities that use accounting information for serving their needs of decision making. • explain the various terms used in accounting and differentiate between different related terms like current and non-current, capital and revenue. • differentiate among income, profits, and gains. • state the meaning of fundamental accounting assumptions and their relevance in accounting. • describe the meaning of accounting assumptions and the situation in which an assumption is applied during the	April

Unit 2 L 3	Accounting Equations	accounting process. • explain the meaning, applicability, objectives, advantages and limitations of accounting standards. **After going through this Unit, the students will be able to:** • explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation.	
L 4	Source Documents & Vouchers	• explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital, revenue and expenses.	May
L 5 L 5 L 6	Journal Journal (contd.) Cash Book	• appreciate that based on source documents, accounting vouchers are prepared for recording transaction in the books of accounts. • develop the understanding of recording transactions in journal and the skill of calculating GST.	July
L 7 L 8	Subsidiary Books Ledger	• explain the purpose of maintaining a Cash Book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions in Cash book. • describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books .	August
L 9	Bank Reconciliation Statement	• appreciate that for ascertaining the position of individual accounts, transactions are posted from subsidiary books and journal proper into the concerned accounts in the ledger and develop the skill of ledger posting.	
L 10	Depreciation	• appreciate that at times bank balance as indicated by cash book is different from the bank balance as shown by the pass book / bank statement and to reconcile both the balances, bank	October

L 11 L 12 L 13 **Unit 3** L14 L 15 L 16	Provisions & Reserves Trial Balance Rectification of Errors Financial Statements Financial Statements- with Adjustments Accounts from Incomplete Records	reconciliation statement is prepared. • develop understanding of preparing bank reconciliation statement. • explain the necessity of providing depreciation and develop the skill of using different methods for computing depreciation. • Providing depreciation directly or by creating provision for depreciation or by creating asset disposal account. • appreciate the need for creating reserves and also making provisions for events which may belong to the current year but may happen in the next year. • state the need and objectives of preparing trial balance and develop the skill of preparing trial balance. • appreciate that errors may be committed during the process of accounting. • understand the meaning of different types of errors and their effect on trial balance. • develop the skill of identification and location of errors and their rectification and preparation of suspense account. **After going through this Unit, the students will be able to:** • state the meaning of financial statements the • purpose of preparing financial statements. • state the meaning of gross profit, operating profit and net profit and develop the skill of preparing trading and profit and loss account. • explain the need for preparing balance sheet. • understand the technique of grouping and marshalling of assets and liabilities. • appreciate that there may be certain items other than those shown in trial balance which may need adjustments while preparing financial statements. • develop the understanding and skill to do adjustments for items and their	November December January

		presentation in financial statements like depreciation, closing stock, provisions, abnormal loss etc. • develop the skill of preparation of trading and • profit and loss account and balance sheet. Features, reasons and limitations. • Ascertainment of Profit/Loss by Statement of Affairs method.	

4. Scheme of assessment & weightage:

S. No.	Exam	Assessment Month	Mode of Assessment	Weightage
1	PT 1	May	Pen paper Test	20
2	PT 2	July/ August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	80
4	PT 3	October/ November	Pen paper Test	20
5	PT 4	December	Pen paper Test	40
6	Final Project	January	As per CBSE instructions	20
7	Final Examination	February/ March as per notification from DAVCAE	Pen paper Test	80

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTS, HOTs questions of 1-, 3-, 4- & 6-marks weightage

5. Project Work: Students must prepare a project file on any one of the topics given below:

*** Collection of source documents, preparation of vouchers, recording of transactions with the help of vouchers.**

*** Preparation of Bank Reconciliation Statement with the given cash book and the pass book with 20-25 transactions.**

*** Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of trial balance and Trading & Profit & Loss Account and Balance Sheet.**

Allocation of marks:

- **Initiative, cooperativeness and participation- 2 marks**
- **Creativity in presentation- 2 marks**

- **Content, Observation and Research work- 4 marks**
- **Analysis of situations- 4 marks**
- **Viva voce- 8 marks**

RUBRICS: Project Work

Assessment Parameter	**Excellent (18-20 marks)**	**Competent (13-17 marks)**	**Needs Improvement (8- 12 marks)**
• **Initiative, cooperativeness and participation**	Student shows the initiative by selecting the topic for his/ her project. Helps fellow students in every stage of project assignment and fully participate in each stage of completing the project file diligently.	Student shows the initiative by selecting the topic for his/ her project. Helps fellow students in every stage of project assignment and fully participate in each stage of completing the project file diligently.	Student shows the initiative by selecting the topic for his/ her project. Helps fellow students in every stage of project assignment and fully participate in each stage of completing the project file.
• **Creativity in presentation**	The project work is the original work of the student. The information is presented in correct format and with bar diagrams, pie charts etc.	The project work is planned & executed by the student with an effective presentation.	The project work is presented as per the guidelines but lacks creativity.
• **Content, Observation and Research work**	The project content is relevant and research and observations made by the student is excellent	The content is relevant and research and observations made by the student is competent.	The content is relevant and the research and observations made by the student needs improvement.
• **Analysis of situations**	The analysis drawn on the research conducted is perfectly understood and effectively communicated.	The analysis drawn is correct but few key areas might be missing while communicating in the report.	There is a gap in analysis of situation done by the student and his/ her research work.
• **Viva voce**	The student is able to answer all the questions correctly.	The student is able to answer almost all the questions but may lack confidence in a few questions.	The student is not able to answer the questions either satisfactory or correctly.

6. Number of Worksheets planned per chapter: One worksheet per chapter.

7. Prescribed Book: Double Entry Bookkeeping by DK Goel

Road Map for Classe XI

1. Subject: Business Studies

2. Objectives

1. Understanding history of business and introduction to business
2. Private, Public & Global Enterprises & their types
3. Business services- Banking, Insurance, Warehousing, Transportation, Advertising & Communication
4. E-banking, payments apps and plastic money
5. Understanding Emerging modes of business like e-commerce, BPO, KPO etc.
6. Developing concern over environment, social values & objectives and business ethics
7. Understanding various sources of business finance with their relative merits & limitations
8. Small scale industries & entrepreneurship development
9. Internal trade, its types & classification. Important terms & documents
10. External trade- import & export trade, procedure, important documents & terms of contract.

3. Month wise division of syllabus along with Learning Outcomes

Lesson No.	Name of the lesson	Learning Outcomes	Month
Unit 1 L 1	Nature & Purpose of Business	• To acquaint the History of Trade and Commerce in India. • Understand the meaning of business with special reference toeconomic and non-economic activities. • Discuss the characteristics and objectives of business. • Understand the broad categories ofbusiness activities- industry and	April

		commerce.	
L 2	Forms of Business Organisations	• List the different forms of business organizations. • Understand their meaning, features, merits and limitations. • Highlight the stages in theformation of a company. • Discuss the important documentsused in the various stages in the formation of a company	May
Unit 2 L 3	Public, Private & Global Enterprises Business Services	• Develop an understanding of Publicsector and private sector enterprises • Identify and explain the features,merits and limitations of different forms of public sector enterprises • Develop an understanding of globalenterprises, public private partnership by studying their meaning and features.	July
L 4	Business Services	• Understand the meaning and typesof business services. • Discuss the meaning and types ofBusiness service Banking • Recall the concept of insurance and its principle. • Understand the utility of differenttelecom services.	
Unit 3 L 5	Emerging modes of Business	• Give the meaning of e-business. • Discuss the scope of e-business. • Appreciate the benefits of e-business • Distinguish e-business from traditional business.	August
L 6	Social Responsibility of Business & Business Ethics	• State the concept of social responsibility and case for social responsibility. • Appreciate the role of business inenvironmental protection. • State the concept and element of business ethics.	
Unit 4 L 7	Sources of Business Finance	• State the meaning, nature and importance of business finance • Classify the various	October

		sources offunds into owners' funds.and borrowed funds.	
L 8	Small Business and Entrepreneurship Development (ED)	• Understand the concept of Entrepreneurship Development (ED), Intellectual Property Rights • Understand the meaning and role of smallbusiness. • Appreciate the various Governmentschemes and agencies for the development of small scale industries. NSIC and DIC with special reference to rural, backward area.	November
Unit 5 L 9	Internal Trade	• State the meaning and types ofinternal trade. • Appreciate the services of wholesalers and retailers. • Explain the different types of retailtrade. • Understand the concept of GST	
L 10	International Business	• Understand the concept of international trade. • Describe the scope of internationaltrade to the nation and business firms. • State the meaning and objectivesof export and import trade. • Explain the important steps involved in executing export and import trade. • Develop an understanding of thevarious documents used in international trade. • State the meaning and objectives of World Trade Organization.	December

4. Scheme of assessment & weightage:

S. No.	Exam	Assessment Month	Mode of Assessment	Weightage
1	PT 1	May	Pen paper Test	20
2	PT 2	July/ August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	80
4	PT 3	October/ November	Pen paper Test	20

5	**PT 4**	**December**	**Pen paper Test**	**40**
6	**Final Project**	**January**	**As per CBSE instructions**	**20**
7	**Final Examination**	**February/ March as per notification from DAVCAE**	**Pen paper Test**	**80**

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTS, HOTs questions of 1-, 3-, 4- & 6-marks weightage

5. **Number of Worksheets planned per chapter: One worksheet per chapter.**
6. **Project Work:**

- **One project is to be done by every student.**
- **The project file is to be handwritten, comprising 25-30 pages in total.**
- **Students must pick any one of the following topics:**
  - **(i) Field visit to a handicraft unit/ industry/ wholesale market/ departmental store/ mall.**
  - **(ii) Case study on a product**
  - **(iii) Auxiliaries to trade (anyone)**
  - **(iv) Import/ Export procedure**

The specification regarding the project reporting & presentation will be discussed with students in the class.

Allocation of marks:

- **Initiative, cooperativeness, and participation- 2 marks**
- **Creativity in presentation- 2 marks**
- **Content, Observation and Research work- 4 marks**
- **Analysis of situations- 4 marks**
- **Viva voce- 8 marks**

RUBRICS: Project Work

Assessment Parameter	**Excellent (18-20 marks)**	**Competent (13-17 marks)**	**Needs Improvement (8- 12 marks)**
• **Initiative, cooperativeness, and participation**	Student shows the initiative by selecting the topic for his/ her project. Helps fellow students in every stage of project assignment and fully participate in each	Student shows the initiative by selecting the topic for his/ her project. Helps fellow students in every stage of project assignment and fully participate in each	Student shows the initiative by selecting the topic for his/ her project. Helps fellow students in every stage of project assignment and fully participate in each

• **Creativity in presentation** • **Content, Observation and Research work** • **Analysis of situations** • **Viva voce**	stage of completing the project file diligently. The project work is the original work of the student with his/her unique way of presentation. The project content is relevant and research and observations made by the student is excellent The analysis drawn on the research conducted is perfectly understood and effectively communicated. The student is able to answer all the questions correctly.	stage of completing the project file diligently. The project work is planned & executed by the student with an effective presentation. The content is relevant and research and observations made by the student is competent. The analysis drawn is correct but few key areas might be missing while communicating in the report. The student is able to answer almost all the questions but may lack confidence in a few questions.	stage of completing the project file. The project work is presented as per the guidelines but lacks creativity. The content is relevant and the research and observations made by the student needs improvement. There is a gap in analysis of situation done by the student and his/ her research work. The student is not able to answer the questions either satisfactory or correctly.

7. Prescribed Books: Business Studies by NCERT

ROADMAP TEMPLATE FOR CLASS XI

1.Subject: Computer Science

2.Objectives:

Students should be able to:

a) Develop basic computational thinking
b) Explain and use data types
c) Appreciate the notion of algorithms
d) Develop a basic understanding of computer systems- architecture and operating system

e) Explain cyber ethics, cyber safety, and cybercrime

f) Understand the value of technology in societies along with consideration of gender and disability issues.

3. Month wise division of syllabus along with Learning Outcomes

Unit 2: Computational Thinking and Programming - I

Month	Topic	Description	Learning Outcomes	Practical Questions
APRIL	Introduction to Problem-solving	Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudocode, decomposition	- Introduce problem-solving techniques such as analyzing, developing algorithms, coding, testing, and debugging - Explore decomposition as a problem-solving strategy	
	Basics of Python programming	Familiarization with the basics of Python programming: 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, o perator, punctuator), variables, concept of l-value and r-value, use of comments	- Familiarize with Python programming language - Understand Python features and execution modes - Learn about Python character set, tokens, variables, and comments	
	Knowledge of data types	Knowledge of data types: Number(integer, floating point,complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types.	- Explore different data types in Python (number, boolean, sequence, mapping, None) - Understand the concept of mutable and immutable data types	
	Operators		- Introduce arithmetic, relational, logical, assignment, and identity operators in Python - Understand operator precedence and usage	
	Expressions, statement, I/O		- Learn about expressions, statements, and type conversion in Python - Understand input/output operations in Python	
	Flow of Control		- Understand sequential, conditional, and iterative flow control in Python	

Month	Topic	Description	Learning Outcomes	Practical Questions
			- Explore indentation-based syntax in Python	
MAY	Conditional statements		- Introduce if, if-else, and if-elif-else statements in Python - Provide examples of using conditional statements to control program flow	
	Iterative Statement		- Explore for and while loops in Python - Understand the range() function and loop control statements (break, continue)	
MAY	Errors		- Identify and understand syntax errors, logical errors, and runtime errors in Python - Explore strategies for debugging Python code	
JULY AUGUST	Lists	Lists: 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.	- Understand list data structure in Python - Explore list operations and built-in list methods/functions	
	Dictionary	Dictionary: 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, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(),	- Explore dictionary data structure in Python - Understand dictionary operations and built-in dictionary methods/functions	

Month	Topic	Description	Learning Outcomes	Practical Questions
		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.		
	Strings	Strings: 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()	- Familiarize with string manipulation in Python - Learn about string operations and built-in string methods/functions	
	Tuples	Tuples: 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.	- Introduce tuple data structure in Python - Learn about tuple operations and built-in tuple methods/functions	
	Introduction to Python modules	Introduction to Python modules: Importing module using 'import ' 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()).	- Familiarize with importing and using modules in Python - Explore commonly used modules such as math, random, and statistics	

Unit 1: Computer Systems and Organisation

Month	Topic	Learning Outcomes	Practical Questions
OCT OBE	Basic computer organization	- Understand the components of a computer system	

Month	Topic	Learning Outcomes	Practical Questions
		- Learn about hardware, software, input/output devices, CPU, and memory	
	Types of software	- Explore system software and application software - Understand the role of operating systems and programming tools	
	Operating System(OS)	- Familiarize with the functions and user interface of operating systems	
	Boolean logic	- Introduce basic logic gates and truth tables - Understand De Morgan's laws	
	Number System	- Learn about binary, octal, decimal, and hexadecimal number systems - Practice converting between different number systems	
	Encoding Schemes	- Explore ASCII, ISCII, and Unicode encoding schemes - Understand the importance of character encoding in digital communication	

Unit 3: Society, Law and Ethics

Month	Topic	Objectives	Practical Questions
NOVEMBER & DECEMBER	Digital Footprints	- Understand the concept of digital footprints and their implications - Learn about tracking and managing digital traces	
	Digital Society and Netizen	- Explore netiquette, communication etiquettes, and social media etiquettes - Understand the importance of responsible online behavior	
	Data Protection	- Familiarize with intellectual property rights (copyright, patent, trademark) - Learn about data protection laws and open source software licensing	
	Cyber Crime	- Understand different types of cybercrime (hacking, phishing, cyberbullying, etc.) - Learn about cyber safety measures and identity protection	

Month	Topic	Objectives	Practical Questions
	Malware	- Learn about different types of malware (viruses, trojans, adware, etc.) - Understand the risks associated with malware infections	
	E-waste management	- Explore the proper disposal and recycling of electronic waste - Understand the environmental and health impacts of improper e-waste disposal	
	Information Technology Act (IT Act)	- Familiarize with the key provisions and objectives of the Information Technology Act - Understand the legal framework for addressing cybercrimes and protecting digital rights	
	Technology and society	- Explore gender and disability issues in technology and society - Understand the importance of inclusivity and accessibility in technology	

4. Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage*
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	70
4	PT3	October/November	Pen paper Test	20
5	PT4	December	Pen paper Test	35
6.	Final Practicals/ Project/Internal Assessment	January	As per CBSE instructions	30
7.	Final Examination	February/March as per notification from DAVCAE	Pen paper Test	70

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1,2 3 ,4& 5 marks weightage

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ROADMAP TEMPLATE FOR CLASS XI (2025-2026)

1. Subject: ECONOMICS (030)

2. Objectives: The students will be able to -

- Understanding of some basic economic concepts and development of economic reasoning which the learners can apply in their day- to- day life as citizens, workers and consumers.
- Realization of learners' role in nation building and sensitivity to the economic issues that the nation is facing today.
- Equipment with basic tools of economics and statistics to analyze economic issues. This is pertinent for even those who may not pursue this course beyond senior secondary stage.
- Development of understanding that there can be more than one view on any economic issue and necessary skills to argue logically with reasoning.
- Efficacy of economic policies in maintaining stability in various spheres of the economy.
- To acquire analytical skills to observe and understand the economic realities.
- To cultivate economic citizenship in learners & a sense of responsibility in the economic field.

3. **Month wise division of syllabus along with Learning Outcomes:**

1. UNIT NO.	UNIT NAME	NAME OF THE CHAPTER	MONTH	LEARNING OUTCOMES
UNIT 4 (PART B- INTRODUCTORY MICROECONOMICS)	**INTRODUCTION**	CH 1: Introduction	April	The students will be able to: 2. Discuss the three central problems of an economy and how does it determine the resource allocation – what, how and for whom to produce. 3. Describe the movement along a PPC and opportunity cost and shifts its economy's PPC to the right or left and is caused by changes in investment, technology. 4. Evaluate if India is a centrally planned economy, a market economy or a mixed economy. 5. Analyse positive and normative economics.
UNIT 1 (PART A– STATISTICS FOR ECONOMICS)	**INTRODUCTION**	CH 1: Introduction	April	The students will be able to: 6. Elucidates what are economic policies and the ways to analyse them. 7. Mention how statistics is used in the subject of Economics. 8. Describe the role of statistics in Economics. 9. Explain the importance of studying Economics.
UNIT 2 (PART A- STATISTICS FOR ECONOMICS)	**COLLECTION, ORGANISATION AND PRESENTATION OF DATA**	CH 2: Collection of Data CH 3: Organisation of Data CH 4: Presentation of Data	May & July	The students will be able to - 10. Acquire skills for collection, organization and presentation of quantitative and qualitative information pertaining to various simple economic aspects systematically.

				11. Explain the meaning and purpose of collection of data. 12. Distinguish between primary and secondary sources of data. 13. Infer how variables of the data provide important information. 14. Analyse and interpret data related to the Indian Economy.
UNIT 5 (PART B- INTRODUCTORY MICROECONOMICS)	**CONSUMER'S EQUILIBRIUM AND DEMAND**	CH 2: Theory of Consumer Behavior	July	The students will be able to: 15. Explains utility and its types. 16. Describe budget set and budget line. 17. Discuss consumer equilibrium with the help of the indifference curve. 18. Analyses the changes in the budget line. 19. Draw a demand curve, supply curve and how is it used to illustrate movement, extension and contraction in demand and supply. 20. Describe the elasticity of demand. 21. Analyses the factors affecting the elasticity of demand. 22. Explains inferior and normal goods.
UNIT 3 (PART A – STATISTICS FOR ECONOMICS)	**STATISTICAL TOOLS AND INTREPRETATION**	CH 5: Measures of Central Tendency	August	The students will be able to: 23. Describe the role and methods of calculating arithmetic mean for various kinds of data. 24. Describe the role and methods of calculating median for various kinds of data. 25. Describe the role and methods of calculating mode for various kinds of data.
UNIT 6 (PART B- INTRODUCTORY MICROECONOMICS)	**PRODUCER BEHAVIOUR AND SUPPLY**	CH 3: Production And Costs	September & October	The students will be able to: 26. Describe marginal and average product. 27. Describes the law of variable proportions. 28. Explain firm's costs and revenue goals using total, average and marginal concepts.

				29. Illustrates the shapes of the short run and long run cost curves. 30. Explains the constant, increasing and decreasing returns with increasing scale. 31. Numerically derives all the cost from the total fixed cost and total variable cost. 32. Derives the various formulae of short -run total and average costs.
UNIT 3 (PART A – STATISTICS FOR ECONOMICS) UNIT 7 (PART B – INTRODUCTORY MICROECONOMICS	**STATISTICAL TOOLS AND INTREPRETATION** **PERFECT COMPETITION – PRICE DETERMINATION AND SIMPLE APPLICATIONS**	CH 7: Correlation CH 8: Index Numbers CH 9: Use of Statistical Tools CH 4: The Theory of the Firm under Perfect Competition	October	The students will be able to: 33. Explain the nature of the relationship between two variables. 34. Understand the method of correlation. 35. Enlist examples where the study of the relationship between variables is important. 36. Understands the usage of Karl Pearson's coefficient of correlation to a linear relationship between variables. 37. Explain the meaning of index number. 38. Explain consumer price index and wholesale price index. 39. Analyse how inflation is measured using the different index numbers. The students will be able to: 40. Explain competitive markets and use diagram to show the effect of large number of firms on price, quantity, choice and profit.
UNIT 6 (PART B- INTRODUCTORY MICROECONOMICS)	**PRODUCER BEHAVIOUR AND SUPPLY**	CH 3: Production And Costs	November	The students will be able to: 41. Describe marginal and average product. 42. Describes the law of variable proportions. 43. Explain firm's costs and revenue goals using total, average and marginal concepts.

				44. Illustrates the shapes of the short run and long run cost curves. 45. Explains the constant, increasing and decreasing returns with increasing scale. 46. Numerically derives all the cost from the total fixed cost and total variable cost. Derives the various formulae of short -run total and average costs.
UNIT 7 (PART B – INTRODUCTORY MICROECONOMICS)	**PERFECT COMPETITION – PRICE DETERMINATION AND SIMPLE APPLICATIONS**	CH 5 : Market Equilibrium	December	The students will be able to – 1.Explains market equilibrium, draw and interpret demand and supply schedules and curves used to identify disequilibrium prices and shortages. 47. Evaluates the equilibrium of a perfect competitive market using demand – supply curve. 48. Illustrates the impact of a shift in the demand and supply curve. 49. Explains the role of price ceiling in necessary goods. 50. Analyse the role of price flooring in the case of agricultural goods. 51. Describes the impact of changes in market equilibrium. 52. Demonstrate the role of Government in overcoming the limitations of the market system.

PROJECT WORK (20 MARKS)

Marking Scheme : Marks are suggested to be given as ---

S. No.	Heading	Marks allotted
1.	Relevance of the topic	3
2.	Knowledge content/ Research Work	6
3.	Presentation Technique	3
4.	Viva - voce	8
	Total	20 Marks

4.Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage*
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	80
4	PT3	October/November	Pen paper Test	20
5	PT4	December	Pen paper Test	40
6.	Final Practicals/ Project/Internal Assessment	January	As per CBSE instructions	20
7.	Final Examination	February/March as per notification from DAVCAE	Pen paper Test	80

CURRICULUM CONTENT FOR VARIOUS ASSESSMENTS:

ASSESSMENT	**SYLLABUS**
PERIODIC TEST -I	**UNIT 1 & UNIT 4**
PERIODIC TEST - II	**UNIT 2 and UNIT-5(COVERED PART)**
HALF YEARLY EXAM **NOTE: Topics already assessed in Periodic 1 & Periodic 2 will be tested again in HALF YEARLY Exam.**	**UNIT 3 & UNIT 5**
PERIODIC TEST -III	**UNIT 3 and UNIT 7 (COVERED PART)**
PERIODIC TEST - IV	**UNIT 3, UNIT 6 and UNIT 7**
FINAL EXAMINATION	**FULL SYLLABUS**

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1, 2 3, 4 & 5 marks weightage

*** Please keep/ change the weightage as per bifurcation of theory and practical/ project/ IA marks**

5. Internal Assessment / Practical/ Project (Teachers to specify as per their subject curriculum instructions by CBSE)
6. Practice Worksheets per chapter will be assigned.
7. Prescribed books:
   1. **INTRODUCTORY MICROECONOMICS, NCERT**
   2. **STATISTICS FOR ECONOMICS, NCERT**
   3. **SUPPLEMENTARY READING MATERIAL IN ECONOMICS, CBSE**

Road Map

Class XI 2025-26

1. **SUBJECT: ENGLISH**
2. **Objectives: The learners will be able**

To build greater confidence and proficiency in oral and written communication

To develop the ability and knowledge required in order to engage in independent reflection and inquiry

#To use appropriate English to communicate in various social settings

Equip learners with essential language skills to question and to articulate their point of view
To develop sensitivity towards, and appreciation for, other varieties of English like Indian English and the culture they reflect
To enable the learners to access knowledge and information through reference skills(consulting a dictionary/thesaurus, library, internet etc)
To develop curiosity and creativity through extensive reading
To facilitate self learning to enable them to become independent learners
To review, organize and edit their own work and work done by peers
To write answers to textual/non-textual questions after comprehension / inference; draws character sketch, attempts extrapolative writing
To speak about objects / events in the class / school environment and outside surroundings.

To refer dictionary, thesaurus and encyclopaedia as reference books for meaning and spelling while reading and writing.

To communicate accurately using appropriate grammatical forms (e.g., clauses, comparison of adjectives, time and tense, active passive voice, reported speech etc.)

To identify details, characters, main idea and sequence of ideas and events while reading.

3. Month wise division of syllabus

Sr. No.	Name of the Month	Name of the topic	Learning Outcomes
1.	April	# Poster Making # A Photograph # Portrait of A Lady # Tenses	*responds to instructions/ announcements in school and acts according •reads textual/ non textual materials in English, with comprehension •identifies details, characters, main idea and sequence of events while r •communicates accurately using appropriate grammatical forms •writes short paragraph coherently in English with proper beginning, mi
2.	May	# Classified Advertisements # Note Making # “We’re Not Afraid to Die… if We Can Be Together # The Voice of the Rain (Poem) # Reordering of the sentences	*Communicates accurately using appropriate grammatical forms *Writes short paragraph coherently in English with proper beginning, middle and end with appropriate punctuation. *Uses correct and appropriate grammar structures by selecting relevant information from text and beyond to draft a piece of writing reads textual/ non textual materials in English, with comprehension
3.	July	# Reading Comprehension # Speech Writing	speaks about objects / events in the class / school environment and outside surroundings.

		# Discovering Tut: The Saga Continues # The Laburnum Top (Poem) # The Summer of the Beautiful White Horse # Clauses and Phrases	*reads excerpts, dialogues, poems, commentaries of sports and games speeches, news, debates on TV, Radio and expresses opinions about them. *prepares a write up after seeking information in print / online, notice board, newspaper etc *writes answers to textual/non-textual questions after comprehension / inference; draws character sketch, attempts extrapolative writing. *refers dictionary, thesaurus and encyclopedia as reference books for meaning and spelling while reading and writing.
4.	August	# Debate Writing(Flipped classroom method) # The Address # Childhood # Integrated Grammar # Silk Road	•reads a variety of texts for pleasure (extensive reading) •develops a skit (dialogues from a story) and story from dialogues. •speaks about objects / events in the class / school environment and outside surroundings •participates in different events such as role play, poetry recitation, skit, drama, debate, speech, elocution, declamation, quiz, etc., organised by school and other such organizations •speaks short prepared speech in morning assembly
5.	Septe mber	# Mother's Day (Experiential learning method: role play) # Revision for term 1	engages in conversation in English with people from diverse backgrounds using appropriate vocabulary •asks questions in different context and situation based on / beyond the text framing accurate sentences •writes a coherent and meaningful paragraph through the process of drafting,revising, editing and finalizing •writes answers to textual/ non textual questions after inference, draws character sketch,attempts extrapolative writing
6.	Octob er	# The Adventure # Father to Son # Birth # The Tale of Melon City	Uses polite expression to communicate •Narrates story/ real life experience in English •Reads,compares,contrasts,thinks, thinks critically and relates ideas to life •Frames answers accurately using appropriate grammatical forms •Writes a coherent and meaningful piece of text using appropriate vocabulary participates in grammar games and kinesthetic activities for language learning.

4.Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage*
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	80

4	PT3	October/November	Pen paper Test	20
5	PT4	December	Pen paper Test	40
6.	Final Practicals/ Project/Internal Assessment	January	As per CBSE instructions	20
7.	Final Examination	February/March as per notification from DAVCAE	Pen paper Test	80

5.Syllabus:

PT1:

Note Making
Poster Making
Classified Advertisements
Tenses
Reordering of the sentences
A Photograph
Portrait of A Lady
“We’re Not Afraid to Die… if We Can Be Together
The Voice of the Rain

PT2:

Reading Comprehension

Speech Writing
Clauses and Phrases
Discovering Tut: The Saga Continues
The Laburnum Top (Poem)
The Summer of the Beautiful White Horse
The Address

TERM 1:

Reading Comprehension
Note Making
Poster Making
Classified Advertisements
Speech and Debate Writing
Tenses
Reordering of the sentences
Clauses and Phrases
Integrated Grammar
A Photograph
Portrait of A Lady
“We’re Not Afraid to Die… if We Can Be Together
The Voice of the Rain
Discovering Tut: The Saga Continues
The Laburnum Top (Poem)

The Summer of the Beautiful White Horse
The Address
Childhood
Mother's Day

PT3:

Note Making
Integrated Grammar
The Adventure
Father to Son
Birth

PT4:
Reading Comprehension
Note Making
Poster Making
Debate Writing
Silk Road
The Tale of Melon City
Portrait of A Lady
"We're Not Afraid to Die… if We Can Be Together
Discovering Tut: The Saga Continues
The Laburnum Top
The Summer of the Beautiful White Horse
The Address

INTERNAL ASSESSMENT:

Assessment of Listening Skills - 05 marks

Assessment of Speaking Skills - 05 Marks

Project Work - 10 Marks (ALS Project)

Rubric for Grading ALS Project:

Criteria	***Performance Levels***			
	4	***3***	***2***	***1***
Participation	Student participates fully and is always on task in class.	Student participates most of the time and is on task most of the time.	Student participates but wastes time regularly or is rarely on task.	Student does not participate, or the studentwastes time or works on unrelated material.

Leadership	Student assumes a leadership role regularlyand handles it well. Student helps to keep the group on topic.	Student shows leadershipon more than one occasion.	Student led on one occasion or attempted to dominate group.	Student shows no evidence of leadership.
Listening	Student listens to others and obviouslypays attention to what they have to say.	Student listens most of the time.	Student listens some of the time and seldom interrupts.	Student never listens to others or interrupts often.
Feedback	Student supplies constructive feedback most of the time.	Student supplies constructive feedback often.	Student supplies constructive feedback occasionally.	Student supplies no feedback or supplies destructive comments.

RUBRIC for PARTICIPATION

	1	2	3	4
Behavior	• Rarely on task • Displays improper/ Inappropriate behavior • Ignores rules and boundaries	• Sometimes on task • Displays some age appropriate behavior • Inconsistent observance of boundaries and rules	• Consistently on task • Displays age appropriate behavior • Respects boundaries and rules	• Always on task • Often goes beyond expectations • Displays mature behavior • Exemplary adherence to rules
Preparedness	• Does not bring materials to class • Is not ready or willing to participate in classroom activities • Does not complete assignments on a timely basis • Consistently late getting to class	• Sometimes brings required materials to class • Inconsistently completes assignments on a timely basis • Frequently late getting to class	• Consistently brings required materials to class • Consistently engages in daily classroom activities • Completes assignments on a timely basis • Rarely late	• Always prepared with required materials • Always engages in daily classroom activities • Exemplary effort displayed in completing assignments • Always on time for class
Classroom Interaction	• Rarely participates in classroom activities • Unwilling to volunteer to answer questions, read aloud, etc • Disrespectful/discourteous to classmates and or teacher	• Inconsistent participation in classroom activities • Willing to answer questions and read aloud if called upon • Does not always demonstrate respect for others	• Active participant in class activities • Consistently volunteers to answer questions, read aloud, etc. • Demonstrates respect for others	• Consistent leader of classroom activities who initiates without monopolizing floor • Exhibits total respect for others
Attitude	• Unwilling to display a positive attitude • Resistant to feedback • Unwilling to work with others • Negative attitude towards classmates	• Displays inconsistent attitude • Finds it difficult to work with others	• Displays positive attitude • Open to positive feedback • Willing to work with others • Respects others'	• Displays consistent positive attitude • Graciously accept feedback & use constructively • Peer leader • Respectful and mindful of others

RUBRIC for CREATIVITY

	Very Creative	Creative	Ordinary/Routine	Imitative
Variety of ideas and contexts	Ideas represent a startling variety of important concepts from different contexts or disciplines.	Ideas represent important concepts from different contexts or disciplines.	Ideas represent important concepts from the same or similar contexts or disciplines.	Ideas do not represent important concepts.
Variety of sources	Created product draws on a wide variety of sources, including different texts, media, resource persons, or personal experiences.	Created product draws on a variety of sources, including different texts, media, resource persons, or personal experiences.	Created product draws on a limited set of sources and media.	Created product draws on only one source or on sources that are not trustworthy or appropriate.
Combining ideas	Ideas are combined in original and surprising ways to solve a problem, address an issue, or make something new.	Ideas are combined in original ways to solve a problem, address an issue, or make something new.	Ideas are combined in ways that are derived from the thinking of others (for example, of the authors in sources consulted).	Ideas are copied or restated from the sources consulted.
Communicating something new	Created product is interesting, new, or helpful, making an original contribution that includes identifying a previously unknown problem, issue, or purpose.	Created product is interesting, new, or helpful, making an original contribution for its intended purpose (for example, solving a problem or addressing an issue).	Created product serves its intended purpose (for example, solving a problem or addressing an issue).	Created product does not serve its intended purpose (for example, solving a problem or addressing an issue).

6. Practice Worksheets per chapter will be assigned.

7. Prescribed books:

1. Hornbill: English Reader published by National Council of Education Research and Training, New Delhi

2. Snapshots: Supplementary Reader published by National Council of Education Research and Training, New Delhi

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ROADMAP CLASS XI (2025-26)

1.SUBJECT: GEOGRAPHY

2.OBJECTIVES:

- **Familiarize with key concepts, terminology and core principles of Geography.**
- **Describe locations and correlate with Geographical Perspectives.**
- **Analyze/ describe how conditions in one place can affect nearby places.**

- **Identify regions as places that are similar or connected.**
- **Describe and interpret the spatial pattern features on a thematic map.**
- **Search for, recognize and understand the processes and patterns of the spatial arrangement of the natural features as well as human aspects and phenomena on the earth's surface.**
- **Understand and analyze the inter-relationship between physical and human environments and utilize such knowledge in reflecting on issues related to community.**
- **Apply geographical knowledge and methods of inquiry to emerging situations or problems at different levels-local, regional, national and global.**
- **Develop geographical skills, relating to collection, processing and analysis of spatial data/ information and preparation of report including maps and graphs and use of computers where ever possible; and to be sensitive to issues.**

3.Month wise division of syllabus along with Learning Outcomes

Lesson Name	**Month**	**Learning Outcomes**
Book- Fundamentals of Physical Geography		
Unit- I Geography as a Discipline		
1-Geography as a Discipline	APRIL	Explain the meaning of geography as an integrating discipline.
Unit II The Earth		
2-The Origin and Evolution of the Earth	APRIL	Describe the Big Bang, Planetesimal theory, Nebular Hypothesis related to the origin of the universe.
3- Interior of the Earth	MAY	Describe direct and indirect sources of information about the interior of the earth.
4- Distribution of oceans and continents	MAY	• Provide evidence in support of continental drift and force for drifting. • Explain Post drift studies, Convectional current theory, Mapping of the ocean floor, Ocean floor configuration, Concept of sea floor spreading.
Unit- III Landforms		
5- Geomorphic Processes	JULY	• Differentiate between geomorphic processes and geomorphic agents. • Describe factors that affect soil formation. • Define the following terms: Exfoliation, Denudation, Weathering etc.

6- Landform and their Evolution	JULY	Describe and draw various erosional and depositional landforms created by different agents.
Unit-IV Climate		
7-Composition and Structure of Atmosphere	JULY	Describe the composition and characteristics of different layers of atmosphere.
8- Solar Radiation, Heat balance and Temperature	AUGUST	• Differentiate between solar radiation and terrestrial radiation. • Give reasons for variability of insolation at the surface of the earth.
9- Atmospheric Circulations and Weather Systems	AUGUST	• Describe the permanent pressure belts and the prevailing winds. • Explain different types of winds.
10- Water in the Atmosphere	OCTOBER	• Explain the process of precipitation and its different forms. • Analyze the variation in the distribution of rainfall in the world.
11-World Climate and Climate Change (To be tested through internal assessments in the form of project and presentation)	OCTOBER	Describe various types of climates and their groups/ subtypes.
Unit-V Water (Oceans)		
12- Water (Oceans)	NOVEMBER	• Describe the relief features of the ocean floor. • Explain the process of heating and cooling of oceanic water and factors that affect temperature distribution in the ocean.
13- Movements of Ocean Water	DECEMBER	• Analyse the economic significance of tides. • Describe ocean currents and the forces that influence them.
14- Biodiversity and Conservation (To be tested through internal assessments in the form of project and presentation)	DECEMBER	• Describe the characteristic features of the biosphere. • Define ecology and related terms and explain the need for ecological balance.
Book-India Physical Environment		
Unit-I Introduction		
1- India- Location	APRIL	• Describe the location of India mentioning the surrounding water

		bodies. • Analyze the implications of living in a country with vast longitudinal and latitudinal extent and its impact on the standard time of India.
Unit II Physiography		
2- Structure and Physiography	MAY	Explain the evolution of various geological structures in different parts of the country.
3-Drainage System		Understand the major drainage systems of India.
Unit III Climate Vegetation and Soil		
4- Climate	JULY	Discuss the factors affecting climate of the country and its effect on country's economic life.
5- Natural Vegetation		recognize the importance of forest cover in the country and its spatial distribution.
Unit-IV Natural Hazards and Disasters: Causes Consequences and Management		
6- Natural Hazards and Disasters (To be tested through internal assessment in the form of Projects and presentation)	AUGUST	• Classify different types of hazards and disasters. • Describe causes, effects and mitigation policy for various natural disasters.
Book-Geography Practical Part I		
1- Introduction to Maps	MAY	Recognize different types of maps (e.g., physical, political, thematic, topographical) and their uses.
2- Map Scale	JULY	Explain how a scale helps represent real-world distances on a map.
3- Latitude Longitude and Time	AUGUST	Accurately locate any place on a map using given latitude and longitude values.
4- Map Projections	OCTOBER	Recognize and distinguish between major types of map projections:
5- Topographical Maps	NOVEMBER	Read and interpret **conventional symbols and colors** used in topographical maps.
6- Introduction to Remote Sensing	NOVEMBEE	Describe how remote sensing works using **sensors** and **satellites** to gather data from the Earth's surface.

ENRICHMENT ACTIVITY

CHAPTER- 5 NATURAL VEGETATION

Learning Objectives:

Teacher will enable the students:

- Identify and describe the major types of forests in India.
- Understand the climatic conditions and geographical locations associated with each forest type.
- Develop map skills by locating various forest types in India.

Learning Outcomes:

Students will be able to:

- Correlate rainfall and temperature patterns with forest distribution.
- Accurately mark forest types on an outline map of India.

Pre-Class Phase:

Resources to be Shared with Students:

1. **Video Lectures:**
    - Introduction to Types of Forests
    - Factors Affecting Forest Types

Student Tasks:

- Students **will watch** the video lectures at home.
- They **will complete** an online quiz based on the videos.
- Each student **will choose** one forest type and **will list** three unique features of that forest to share in class.

During-Class (Interactive Session):

- The teacher will start the class with a quick review and talk about the videos and materials the students studied at home.
- The class **will be divided** into 2 groups. Each group **will be assigned** one type of forest.
- Each group **will create** a "Forest Fact File" in a tabular format including the following details:
    - Name of the forest type
    - Map marking its distribution
    - Rainfall and temperature conditions
    - flora and fauna found in that forest
- After completing the task, each group **will present** their Forest Fact File to the class.

4.Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage*
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	70
4	PT3	October/November	Pen paper Test	20
5	PT4	December	Pen paper Test	35
6.	Final Examination	February/March	To be conducted by CBSE	70

Assessment	Syllabus
PERIODIC TEST -1	BOOK- - Fundamentals of Physical Geography Lesson-1 & Lesson-2 Book-India Physical Environment Lesson-1
PERIODIC TEST -2	BOOK- - Fundamentals of Physical Geography Lesson-3 & Lesson 4 Book-India Physical Environment Lesson-3
HALF YEARLY NOTE: Topics already assessed in Periodic 1 and Periodic 2 will be tested again in HALF YEARLY for limited weightage.	BOOK- Fundamentals of Physical Geography Lesson-1, Lesson -2, Lesson- 3, Lesson-4 & Lesson -5, Lesson -6, Lesson -7 BOOK- Book-India Physical Environment Lesson-1, Lesson-2, Lesson-3, Lesson-4
PERIODIC TEST-4	BOOK- - Fundamentals of Physical Geography Lesson-8, Lesson -9 & Lesson -10 Book-India Physical Environment

	Lesson- 5

IMPORTANT NOTE: *Full syllabus to be assessed in Final Examination

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1,2 3 ,4& 5 marks weightage

5. Guidelines for Internal Assessment/ Geography Practical

1. A practical file must be prepared by students covering all the topics prescribed in the practical syllabus.

2. The file should be completely handwritten with a cover page, index page and acknowledgment.

3. All practical works should be drawn neatly with appropriate headings, scale, index etc. Data can be taken from the NCERT textbook.

4. The practical file will be assessed at the time of term end practical examinations.

5. A written exam of 25 marks will be conducted based on prescribed practical syllabus.

6. Viva will be conducted based on practical syllabus only.

7. Written Exam -25 Marks

8. Practical file- 03 Marks

9. Viva- 02 Marks

6. Practice Worksheets per chapter will be assigned.

7. Prescribed books:

Fundamentals of Physical Geography	**NCERT**
India, Physical Environment	**NCERT**
Practical Work in Geography Part I	**NCERT**

ROADMAP TEMPLATE FOR CLASS XI

Session 2025-26

1.HISTORY

2.Objectives:

The History curriculum introduces the students to a set of important historical events and processes through a focus on a series of historical issues, debates and through various sources.Curriculum also focuses on some important developments in different spheres-political, social, cultural, and economic.Its study acquire students not only with the grand narratives of development-urbanisation, industrialisation, and modernisation-but they will also know about the processes of displacements and marginalisation.Through the study of these themes' students will acquire a sense of the wider historical processes around them.Many of the themes will introduce the debates in the field and show how historians continuously rethink old issues.

COURSE STRUCTURE

SECTION	THEME NUMBER	THEME TITLE	MARkS
Reading of World History		**Introduction of World History**	
I **Early Societies**	**1.**	**Introduction Timeline 1** **Writing and city life**	**10**
II **Empires**	**2.** **3.**	**Introduction Timeline 2** **An Empire across three continents** **Nomadic Empires**	**10** **10**
III **Changing Traditions**	**4.** **5.**	**Introduction Timeline3** **The three orders** **Changing Cultural Traditions**	**10** **10**
IV **Towards Modernisation**	**6.** **7.**	**Introduction Timeline 4** **Displacing Indigenous people** **Paths to Modernisation**	**10** **15**
	MAP WORK	**Map work of the related themes**	**05**
		Theory Total	**80**
		Project Total	**20**
		Grand Total	**100**

3.Month wise division of syllabus along with Learning Outcomes

LESSON NO.	LESSON NAME	MONTH	LEARNING OUTCOME
1.	**Writing and city life**	APRIL	Elucidate the interwoven social and cultural aspects of civilization in order to understand the connection between the city life and the culture

			of contemporary civilization through their writings.
2.	**An Empire across three Continents**	MAY	Explain and relate the dynamics of the Roman Empire in order to understand their polity, economy, society and culture. Examine the domains of cultural transformation in that period and the impact of slavery.
3.	Nomadic Empires	MAY/JULY	Students will be able toIdentify the living patterns of nomadic pastoralist society. Trace the rise and growth of Changez Khan in order to understand him as an Oceanic ruler.
4.	**The three orders**	JULY/AUGUST	Students will be able to understand the myriad aspects of feudalism with reference to the first, second, third and fourth order of the society. Relate between ancient slavery and serfdom. Assess the 14th century crisis and rise of the nation states.
5.	Changing Cultural traditions	AUGUST	Analyse the causes, events, and effects of the Renaissance, Reformation, Scientific Revolution. and Age of Exploration. Relate the different facets of Italian cities to understand the characteristics of Renaissance Humanism and Realism. Compare and contrast the condition of women in the renaissance period. Recognise major influences on the architectural, artistic, and literary developments to understand the facades of Renaissance. Critically analyse the impact on later reforms. Evaluate the Roman Catholic Church's response to the Protestant Reformation.
6.	**Displacing Indigenous People**	OCTOBER	Evaluate the process of displacements of the native people which led to the development of America and Australia to understand their condition. Analyse the realms of settlement of Europeans in Australia and America. Compare and contrast the lives and roles of indigenous people in these continents. Analyse the domains of Japanese nationalism prior and after the Second World War.
7.	**Paths to Modernisation**	OCTOBER/NOVEMBER	Summarise the nationalist upsurge in China from Dr Sun Yat Sen to Mao Zedong to understand the era of Communism. Analyse the Chinese path to modernization under Deng Xiaoping and Zhou enlai in order transformation rigid communism to liberal

			socialism. Knowledge on the histories of China and Japan from the phase of imperialism to modernization.

4.Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage*
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	80
4	PT3	October/November	Pen paper Test	20
5	PT4	December	Pen paper Test	40
6.	Final	February	Pen Paper Test	80

NAME OF THE EXAM	**SYLLABUS**
PERIODIC 1	**LESSON 1**
PERIODIC 2	**LESSON 2 AND LESSON 3**
HALF YEARLY ***NOTE:Topics already assessed in Periodic 1 and Periodic 2 will be tested again in HALF YEARLY for limited weightage.***	**LESSON 1,2,3 and 4**
PERIODIC 3	**LESSON 5**

PERIODIC 4	**LESSON 6**		
FIN			

IMPORTANT NOTE:*Full syllabus to be assessed in

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1,2 3 ,4& 5 marks weightage

5. Internal Assessment / Practical/ Project (Teachers to specify as per their subject curriculum instructions by CBSE)

PROJECT WORK MM - 20

CBSE has decided to introduce project work in history for classes XI as a part of regular studies in the classroom, as project work gives students an opportunity to develop higher cognitive skills. It takes students to a life beyond textbooks and provides them a platform to refer materials, gather information, analyze it further to obtain relevant information and decide what matter to keep and hence understand how history is constructed

Project Work has broadly the following phases: Synopsis/ Initiation, Data Collection, Data Analysis and Interpretation, Conclusion.The aspects of the project work to be covered by students can be assessed during the academic year.20 marks are assigned for Project Work. At the end, each learner will present the research work in the Project File to the External and Internal examiner.The questions will be asked from the Research Work/ Project File of the learner.Students should ensure that the study submitted by them is his/her own original work.

SUGGESTIVE TOPICS FOR PROJECTS - CLASS XI

1. Facets of Industrialization in the sixteenth- eighteenth centuries.

2. Crusades: causes; rationale; events; outcomes; Holy Alliance Ancient History in depth: Mesopotamia Greek Philosophy and City States

5. Contributions of Roman Civilization

6. The spirit of Renaissance: Manifestation in art; Literature; Sculpture; Influence o Community; Social Fabric; Philosophy; Political Values; Rational Thinking; Exist

7. Aspects of Development -South American States /Central American States

8. Different schools of thoughts- Realism: Humanism: Romanticism

9. Piecing together the past of Genghis Khan

10. Myriad Realms of Slavery in ancient, medieval, and modern world

11. History of Aborigines - America /Australia

12. Facets of Modernization - China /Japan/Korea

6. Practice Worksheets per chapter will be assigned.

7. Prescribed book:

1.Themes in World History NCERT

1.Subject: INFORMATICS PRACTICES

2.Objectives:

Students will be able to:

- Identify the components of computer system.
- Create Python programs using different data types, lists and dictionaries.
- Understand database concepts and Relational Database Management Systems.
- Retrieve and manipulate data in RDBMS using Structured Query Language
- Identify the Emerging trends in the fields of Information Technology.

3.Month wise division of syllabus along with Learning Outcomes

Month	Unit	Topic	Description	Learning Outcomes
APRIL	Unit 2	Basics of Python Programming	Introduce Python language and its features. Understand program structure, execution modes, and basic syntax rules.	- Gain familiarity with Python programming language. - Understand Python program structure and syntax.
		Data Types and Operators	Explore data types (integers, floats, strings, lists, tuples, dictionaries) and operators (arithmetic, comparison, logical, assignment) in Python. mutable and immutable data types. comments, input and output statements, data type conversion, debugging.	- Understand various data types available in Python. - Learn how to use different operators for computations and comparisons.
MAY		Control Statements	Learn control flow statements (if-else, if-elif-else, while, for loops).	- Understand how to control program flow using conditional and loop statements.
JULY		Lists and Dictionaries	Explore lists and dictionaries in Python, including creation, initialization, traversal, and manipulation. Learn built-in functions and methods for working with lists and dictionaries like len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum() Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del, clear()	- Gain proficiency in working with lists and dictionaries. - Learn how to use built-in functions and methods for list and dictionary operations.
AUGUST	Unit 3	Basics of Database Concepts	Introduction to database concepts and its need, Database Management System.	- Understand the relational data model and its components. - Recognize the importance of databases in organizing and managing structured data.
		Introduction to MySQL	Relational data model: 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	- Gain familiarity with MySQL and its functionalities. - Understand how to use MySQL for database operations.

Month	Unit	Topic	Description	Learning Outcomes
			Language, Introduction to MySQL, creating a database using MySQL, Data Types	
		SQL Commands	Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE	- Learn essential SQL commands for database operations - Understand how to perform data definition, querying, and manipulation using SQL.
	Unit 4	Emerging Technologies	Explore various emerging technologies such as Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), 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.	- Gain awareness of emerging technologies and their applications. - Understand the potential impact of emerging technologies on society and various industries.
	Unit 1	Evolution of Computing Devices	Explore the historical development of computing devices from ancient tools like the abacus to modern computers. Understand key milestones and innovations shaping the evolution of computing.	- Gain insight into the historical context and evolution of computing. - Understand the significance of key inventions and advancements in computing history.
		Components of a Computer System	Identify and describe essential components of a computer system, including CPU, memory, storage, input/output devices. Understand how these components work together to execute programs and process data.	- Recognize and explain the functions of key hardware components in a computer system. - Understand the role of each component in the overall operation of a computer system.
		Input/Output Devices	Define input and output devices and their roles in interacting with computers. Explore examples of input and output devices and their functions.	- Identify various input and output devices and their functions. - Understand how input and output devices facilitate user interaction with computers.
		Computer Memory	Differentiate between primary and secondary memory. Learn about memory units and their conversions. Explore topics like data deletion, recovery methods, and memory security concerns.	- Understand the distinction between primary and secondary memory. - Learn memory units and their conversions. - Gain awareness of data security issues related to computer memory.
		Software	Define software and its purpose. Differentiate between system and application software. Explore types of software based on their purpose.	- Understand the role and types of software in computing. - Differentiate between system and application software. - Identify examples of generic and specific-purpose software.

4.Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage*
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half Yearly	September	Pen paper Test	70
4	PT3	October/November	Pen paper Test	20
5	PT4	December	Pen paper Test	35
6.	Final Practicals/ Project/Internal Assessment	January	As per CBSE instructions	30
7.	Final Examination	February/March as per notification from DAVCAE	Pen paper Test	70

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1,2 3 ,4& 5 marks weightage

*** Please keep/ change the weightage as per bifurcation of theory and practical/ project/ IA marks**

5. Internal Assessment / Practical/ Project (Teachers to specify as per their subject curriculum instructions by CBSE)

6. Practice Worksheets per chapter will be assigned.

7. Prescribed books:

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ROADMAP TEMPLATE FOR CLASS XI

1. **SUBJECT: MATHEMATICS**
2. **OBJECTIVES: TEACHING MATHEMATICS AT SENIOR SECONDARY LEVEL ARE TO HELP THE LEARNER TO:**

- **Consolidate the Mathematical knowledge and skills acquired at the middle stage.**
- **To develop positive ability to think, analyze and articulate logically.**
- **To acquaint students with different aspects of mathematics in daily life.**
- **To develop an interest in student to study Mathematics as a discipline.**

- **To develop necessary skills to work with modern technological devices and mathematical software.**
- **To develop reverence and respect towards great mathematicians for their contribution in the field of mathematics.**

3. MONTH WISE DIVISION OF SYLLABUS:

Lesson Number	Name of the lesson	Month	Learning outcomes
5	linear Inequality	April	1.Understanding the concept of linear inequalities and how they differ from linear equations. 2.Solving linear inequalities graphically by representing them on a number line. 3.Solving linear inequalities algebraically using techniques like isolating the variable and applying operations to both sides of the inequality. 4.Identifying the solution sets of linear inequalities in one variable. 5.Solving systems of linear inequalities and interpreting their solutions graphically. 6.Applying linear inequalities to real-world situations, such as inequalities involving rates, costs, or constraints.
4	complex number	May	1.Understanding the definition and representation of complex numbers. 2.Mastery of basic operations on complex numbers: addition, subtraction, multiplication, and division. 3.Familiarity with the complex plane and plotting complex numbers.

1	Sets		4.Knowledge of the polar form of complex numbers and converting between rectangular and polar forms. 5.Proficiency in operations with complex conjugates. 6.Solving quadratic equations with complex roots. 7.Application of complex numbers in geometry, physics, and engineering contexts. 1.Understanding the concept of sets and elements. 2.Notation and representation of sets, including set builder form and roster form. 3.Types of sets: finite sets, infinite sets, empty sets, singleton sets, etc. 4.Operations on sets: union, intersection, complement, and difference. 5.Venn diagrams to visually represent set operations. 6.Cardinality of sets: finite, countably infinite, uncountably infinite. 7.Set identities and laws, such as De Morgan's laws. 8.Applications of sets in various fields such as mathematics, computer science, and statistics.
2	Relations and functions	July	1.Understanding the concepts of sets, relations, and functions.

			2.Recognizing and defining different types of relations such as reflexive, symmetric, transitive, and equivalence relations. 3.Identifying functions and understanding their properties like domain, range, and mapping. 4.Differentiating between one-to-one (injective), onto (surjective), and bijective functions. 5.Learning to represent relations and functions graphically, algebraically, and using tables. 6.Solving problems involving composition of functions, inverse functions, and composite functions. 7.Applying relations and functions to real-life scenarios and problem-solving. 8.Developing critical thinking and analytical skills through exercises and applications of relation and function concepts.
3	Trigonometry		1.Understanding trigonometric ratios (sine, cosine, tangent) and their reciprocal ratios. 2.Solving trigonometric equations and identities. 3.Understanding the concept of trigonometric functions as periodic functions. 4.Learning about the unit circle and its relevance to trigonometric functions.

			5.Understanding the graphical representation of trigonometric functions. 6.Exploring the applications of trigonometry in various fields like physics, engineering, and navigation.
6 7	Permutation and combination Binomial theorem	August	1.Understanding the fundamental concepts of permutations and combinations. 2.Ability to calculate permutations and combinations of objects using formulas. 3.Applying permutations and combinations in real-life scenarios, such as probability problems and counting problems. 4.Solving problems involving permutations with repetition and without repetition. 5.Solving problems involving combinations with repetition and without repetition. 6.Understanding the connection between permutations, combinations, and factorial notation. 1.Understanding the expansion of binomials raised to positive integer powers. 2.Applying the binomial theorem to simplify algebraic expressions. 3.Solving problems involving permutations and combinations using binomial coefficients. 4.Recognizing patterns in binomial expansions.

			5.Applying binomial theorem in various mathematical contexts, such as probability and algebraic manipulations.
8	Sequence and series	October	1.Understanding the concepts of sequences and series. 2.Ability to identify arithmetic and geometric sequences and series. 3.Applying formulas to find the nth term, sum of terms, and common differences or ratios. 4.Recognizing patterns and relationships within sequences and series. 5.Solving real-world problems involving sequences and series, such as compound interest, population growth, or recurring patterns in nature or technology. 6.Developing problem-solving skills through challenging exercises and applications of sequences and series in various contexts.
9	Straight lines		1.Understanding the concepts of straight lines and their equations in both Cartesian and vector forms. 2.Ability to solve problems related to the distance between two points, slope of a line, and the angle between two lines. 3.Proficiency in determining the equations of lines in various forms such as slope-intercept, point-slope, and two-point forms.

			4.Application of concepts in solving problems related to parallel and perpendicular lines. 5.Mastery in finding the intersection point of two lines and understanding the conditions for parallel, coincident, and intersecting lines.
10	Conic section	November	1.Definition of Conic Sections: Understanding what conic sections are and their basic properties. 2.Types of Conic Sections: Learning about the four main types: circle, ellipse, parabola, and hyperbola. 3.Equations of Conic Sections: Studying the standard equations and characteristics of each type of conic section. 4.Graphical Representation: Being able to graph conic sections on a coordinate plane. 5.Geometric Properties: Exploring the geometric properties specific to each type of conic section, such as foci, directrix, eccentricity, etc. 1.Understanding spatial relationships: Developing an understanding of how points, lines, and planes interact in three-dimensional space. 2.Coordinate systems: Introducing Cartesian coordinates in three dimensions

11	3 Dimensional geometry		(x, y, z) and understanding how to locate points in space. 3.Distance and midpoint formula: Learning formulas to calculate distance and midpoint between two points in three-dimensional space.
14	Probability		1.Understanding basic probability concepts such as sample space, events, and outcomes. 2.Calculating probabilities of simple and compound events using theoretical and experimental methods. 3.Applying probability rules such as addition, multiplication, and complement rules.

12	Limits and derivatives	December	1.Understanding the concept of limits and how they describe the behavior of a function as the input approaches a certain value. 2.Being able to evaluate limits algebraically and graphically, including using techniques like factoring, rationalizing, and trigonometric identities. 3.Introducing the concept of continuity and understanding the connection between limits and continuity. 4.Exploring the definition of a derivative as the instantaneous rate of change of a function. 5.Learning derivative rules, including the power rule, product rule, quotient rule, and chain rule
13	Statistics		Descriptive Statistics: Understanding and calculating measures of central tendency (mean, median, mode) and measures of dispersion (range, variance, standard deviation).

4.Scheme of assessment & weightage:

Sr. No.	Name of Exam	Month of Assessment	Mode of Assessment	Weightage
1	**PT1**	**May**	**Pen paper Test**	**20**
2	**PT2**	**July/August**	**Pen paper Test**	**20**

3	**Half YEARLY**	**September**	**Pen paper Test**	**80**
4	**PT3**	**October/November**	**Pen paper Test**	**20**
5	**PT4 (UNIT 2)**	**December**	**Pen paper Test**	**40**
6	**Final**	**February**	**Pen paper Test**	**80**

SYLLABUS FOR PERIODIC TEST 1 (20 marks)

Chapter 5 linear inequalities

Chapter 4 complex number

Chapter 1 Sets

SYLLABUS FOR PERIODIC TEST 2

(20 MARKS)

Chapter 2 Relations and functions

Chapter 3 Trigonometry

SYLLABUS FOR HALF YEARLY EXAM

(80 MARKS)

Chapter 1 Sets

Chapter 2 Relations and function

Chapter 3 Trigonometry

Chapter 4 Linear inequalities

Chapter 5 Complex number

Chapter 6 Permutation and combination

Chapter 7 Binomial theorem

SYLLABUS FOR PERIODIC TEST 3

(20 MARKS)

Chapter 8 Sequence and series

Chapter 9 Straight lines

SYLLABUS FOR PERIODIC TEST4/UNIT TEST 2

Chapter 10 Conic section

Chapter 11: 3 Dimensional Geometry

chapter 14 : Probability

Chapter 12: Limits and derivatives

Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1,2 3 ,4& 5 marks weightage

5. Internal Assessment Break-up:

Sr. No.	Type of Assessment	Mode of Assessment	Weightage
1	Periodic Tests (best 2 out of 3 tests conducted)	Pen paper Test	10
2	Mathematics activities (for activities NCERT lab manual may be referred)	Assessment through different project and Viva	10

6. CRAB Worksheets per chapter will be assigned.

7. Prescribed books: MATHEMATICS TEXT BOOK NCERT, NCERT EXEMPLAR

Subject :Physics Class 11

2. Objective:

Senior Secondary stage of school education is a stage of transition from general education to discipline-based focus on curriculum. It requires rigour and depth of disciplinary approach. The curriculum content emphasis on

- Recognise, identify and strengthen the unique capabilities of each student in Physics by conceptual understanding of the content .
- Understand the international nature of science and the interdependence of science, technology and society, including the benefits, limitations and implications imposed by social, economic, political, environmental, cultural and ethical factors.
- Think analytically, critically and creatively to solve problems, judge arguments and make decisions in scientific and other contexts.

- Emphasis on use of SI units, symbols, nomenclature of physical quantities and formulations as per international standards.
- Providing logical sequencing of units of the subject matter and proper placement of concepts with their linkage for better learning.
- Reducing the curriculum load by eliminating overlapping of concepts / content within the discipline and other disciplines.
- Promotion of process-skills, problem-solving abilities and applications of Physics concepts.
- Strengthen the concepts developed at the secondary stage to provide firm foundation for further learning in the subject.
- Expose the learners to different processes used in Physics-related industrial and technological applications.
- Develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.
- Promote problem solving abilities and creative thinking in learners.
- Develop conceptual competence in the learners and make them realize and appreciate the interface of Physics with other disciplines.

3. **Month Wise Syllabus**

CHAPTER NUMBER	CHAPTER NAME	MONTH	LEARNING OUT COME
1.	Units and Measurements	April	Identifies and applies the concept of dimensions, dimensional formulae and dimensional analysis techniques to write, validate and derive correct physical equations.
2.	Motion in a straight line	April, May	Describes position, distance and displacement of a body in motion. Explains average and instantaneous velocity Explains the concept of acceleration of a body in non uniform motion, Derives and explains kinematic equations of linearly accelerated motion
3.	Motion in a plane	May	States and derives the equations of a uniformly accelerated motion of a body in a plane using vectoral notation. Describes projectile motion and derives all equations related to projectile motion. Applies the concepts of vectors to explain the motion of a body along a circular path. Explains the multiplication of vectors using scalar product method
4.	Laws of motion	July	States Newton's first law of motion and identifies the role of inertia in common day-to-day experiences. Explains Newton's second law of motion; discovers its mathematical differential formulation. States Newton's third law of motion and infers the Law of conservation of momentum from Newton's second and third laws. Applies the Law of conservation of momentum to the collisions of bodies in 1- and 2-dimensional motion. Identifies common mechanical forces that act on a body at rest or motion. Identifies common mechanical forces that act on a body at rest or motion. Describes the dynamics of motion of a car along a circular track. Writes and solves free body equations in mechanics
5.	Work, Energy and Power	July	Derives and explains work- energy theorem. Defines kinetic energy of a body in motion. Describes the concept of the potential energy of a body in

			relation to conservative forces acting on a body. Identifies spring force as a conservative force and derives an expression for potential energy stored in a spring. Identifies various forms of energy and states the law of conservation of energy. Defines instantaneous mechanical power of a body. .Explains collisions between two bodies moving along a straight line or in a plane
6.	System of particles and rotational motion	July,August	Defines and describes center of mass of a rigid body and derives formula for linear momentum of a system of particles. Defines the various angular variables associated with a rigid body in rotational motion around a fixed axis. Recognises the conditions of mechanical equilibrium in a rigid body. .Explains centre of gravity of a rigid body in terms of torques due to gravitational forces. Defines moment of inertia as an analogue of mass of a rigid body in rotational motion and proves the two theorems related to moment of inertia of a rigid body about a fixed axis. States and derives kinematic equations of a rigid body and explains dynamics of rotational motion of a rigid body in terms of torque, work done and angular momentum about a fixed axis of rotation. Describes and differentiates angular momentum vector for a symmetric and asymmetric rigid bodies rotating about a fixed axis. .Defines and explains the rolling motion of a rigid body.
7.	Gravitation	August	States and explains Kepler's laws of planetary motion. States and explains Newton's Universal law of gravitation. Describes and explains acceleration due to gravity and the factors on which it depends upon. Explains gravitational potential energy in relation to the conservative force of gravitation. Explains escape speed and derives it from the principle of conservation of energy. Describes the dynamics of the motion of Earth satellites by applying Kepler's laws.
8.	Mechanical properties of solid	September	Differentiates between rigid, elastic and plastic bodies. Explains elastic behaviour in solids. Describes and

			explains different types of stresses and corresponding strains produced in a body.Describes elastic moduli of various bodies with different materials, elastic behaviours and shapes. Explains and derives elastic potential energy stored in a stretched wire. Appreciates the applications of Elastic behaviour of materials.
9.	Mechanical properties of fluids	October	Defines fluids and explains pressure experienced in fluids. Explains the effect of gravity on fluid pressure. Describes and explains hydraulic machines based on Pascal's law. Explains the properties, laws and mathematical equations followed during fluid flow. Explains the properties, laws and mathematical equations followed during fluid flow. .Explains the viscosity of fluids in terms of fluid friction. Explains surface tension as surface property of liquids only.
10.	Thermal properties of matter	October	Explains and differentiates between heat and temperature of a body. Explains thermal expansion in substances and identifies linear, superficial and cubical expansions. Defines heat capacity and specific heat capacity of a substance and states its importance in the amount of heat exchanged by a body to change its temperature. Explains the process of change of state and describe the heat exchanges during the process. Explains the mechanisms of heat transfers from one body to another through conduction, convection and radiation.
11.	Thermodynamics	November	States and explains Zeroth law of thermodynamics. Describes and explains the three important thermodynamic variables as heat, internal energy and work done. States and explains the first law of thermodynamics. Describes and explains specific heat capacity and molar specific heat of matter. States and explains the second law of thermodynamics. Explains the working principle of an ideal Carnot engine.
12.	Kinetic Theory	December	Explains Dalton's atomic theory of matter, lists its postulates and describes the properties of different states of matter. Describes and

			explains the behaviour of gases basis the gas laws. States kinetic theory of gases and uses the theory to explain the pressure exerted by gas molecules and its temperature. States and explains the law of equipartition of energies for gas molecules with varying degrees of freedom. Describes specific heat capacities of gases, solids and water and states their values in terms of universal gas constant. Defines mean free path of gas molecules based on the kinetic theory of gases.
13.	Oscillations	January	Describes periodic and oscillatory motion using common examples and states suitable equations of motion. States the equations governing the displacement, velocity and acceleration of a body in simple harmonic motion. States the equations governing the displacement, velocity and acceleration of a body in simple harmonic motion. Explains the energy and the force law of the body in SHM. Identifies a few examples of bodies in SHM and derives their equations of motion and time periods.
14.	Waves	January	Describes the concept of wave motion with examples. Explains the characteristics of transverse and longitudinal wave motions with examples. Writes and explains the displacement equations for progressive waves. Derives the expressions for velocity of travelling progressive waves. States the principle of superposition of mechanical waves and derives the equations of resultant wave. Describes the reflection of progressive waves from rigid and non rigid boundaries. Defines and explains standing waves produced due to the reflection of waves by two boundaries. Demonstrates and explains the formation of beats due to superposition of sound waves of slightly different frequencies.

4. Scheme of assessment & weightage:

Sr. No.	Assessment Cycle	Month of Assessment	Mode of Assessment	Weightage
1	PT1	May	Pen paper Test	20
2	PT2	July/August	Pen paper Test	20
3	Half YEARLY	September	Pen paper Test	70
4	PT3	October/November	Pen paper Test	20
5	PT4 (PAT)	December	Pen paper Test	35
6.	Final	February/March	Pen paper Test	70

5. **Note: Paper pen tests will consist of VSA, SA, LA, Case Based, LOTs, HOTs questions of 1,2 3 ,4& 5 marks weightage**
6. **Practical Exam Break up:**

7. Worksheets per chapter will be assigned.

8. Prescribed Books:

1. Physics Part-I, Textbook for Class XI, Published by NCERT
2. Physics Part-II, Textbook for Class XI, Published by NCERT
3. Laboratory Manual of Physics, Class XI Published by NCERT
4. Supplementary Reading Material in Physics, CBSE
5. NCERT Exemplar

Road Map for Class XI (2025-2026)

1. **Subject: Psychology**

2. **Objectives:**

To foster an understanding and appreciation of the human mind and behavior within the context of the learners' immediate environment and social setting.

To introduce students to the foundational concepts, principles, and methodologies of Psychology as a scientific discipline.

To encourage students to construct their own understanding of psychological concepts such as Learning, Thinking, Human Development etc. through engaging pedagogical approaches such as case studies, real-life narratives, experiential activities, and reflection on day-to-day experiences.

To help students understand their own thoughts, emotions and behaviors fostering personal growth and resilience, preparing them to become responsible global members of society.

3. Month wise division of syllabus

Sr. No	Psychology (Theory)	Practical	Learning Outcomes	Month
1.	Unit I: What is Psychology? Evolution of Psychology/ Development of Psychology in India Branches of Psychology	Introduction to Methods of Enquiry in Psychology Introduction to steps in conducting psychological research	Understand the nature and role of Psychology in understanding mind and behaviour. To gain insight into the various branches of Psychology and explore its interconnections with other academic fields and professional domains.	**April**
2.	Unit II: Methods of Enquiry in Psychology. Nature of Psychological Data Analysis and limitations of data	The students shall be required to undertake one project /small study and conduct one experiment. It would involve the use of different methods of enquiry like observation, survey, interview, questionnaire	To explore the different types of data utilized in psychological research, including both qualitative and quantitative forms. Understand methods of analysing data and learn about limitations of psychological enquiry and ethical considerations. To study meaning,	**May**

			process of development.	
	Unit IV: Human Development Factors influencing development Stages of Development		To identify and describe the key characteristics of different stages of development, including infancy, childhood, adolescence, and old age.	
3.	Unit V: Sensory, Attentional and Perceptual Processes Unit VI: Learning Classical Conditioning Operant Conditioning Types of Learning		Nature of sense modalities. To explore different types of attentional processes and the role of the perceiver in shaping perception. To examine the phenomenon of illusions and types. Explain different forms or types of learning and the procedures used in such types of learning. Understand various psychological processes that occur during learning and influence its course, and explain the determinants of learning.	**July**

4.	Unit VII: Human Memory Types of memory and levels of memory processing. Nature and causes of Forgetting		To understand the Nature of Memory. To distinguish between different types of memory. To understand the nature of Forgetting and ways to improve memory.	**August**
5.	Unit VII: Thinking Unit VIII: Motivation and Emotion		To study the process of problem solving, reasoning and decision making. To understand the nature of human motivation, expressions and emotions/managing negative emotions/enhancing positive emotions.	**October**
6.	Revision			**November**

4. Scheme of assessment and weightage:

Sr. No	**Name of Exam**	**Month of Assessment**	**Mode of Assessment**	**Weightage**
1.	PT 1	May	Pen paper test	20
2.	PT 2	July/August	Pen paper test	20
3.	HALF YEARLY	September	Pen paper test	70
4.	PT 3	November	Pen paper test	20
5.	FINAL PRACTICAL	January	Pen paper test	30

6.	FINAL EXAMINATION	February/March as per notification from DAVCAE	Pen paper test	70

5. Prescribed Books

1. **Psychology, Class XII, Published by NCERT**

6. Practical/Project: Distribution of Marks:

Practical (Experiments) file 05 Marks

Project File 05 Marks

Viva Voce (Project and experiment) 05 Marks

One experiment (05 marks for conduction of experiment and 10 marks for reporting)