

Bhavan Vidyalaya, Panchkula <u>Class – XI</u> Syllabus for Pre Final (2025-26)

Sr.	Subject	Syllabus
No.		
1.	English	Reading – Comprehension, Note Making
		Writing – Classified Advertisements, Poster making, Speech, Debate
		<u>Grammar</u> – Integrated
		<u>Literature</u> - Book : Hornbill
		Prose
		1. "We're Not Afraid to Die if We Can Be Together"
		2. Discovering Tut
		3. The Adventure
		Poetry
		1. The Laburnum Top
		2. The Voice of the Rain
		3. Childhood
		4. Father to Son
		Book : Snapshots
		1. The Address
		2. Mother's Day
		3. Birth
2.	Physics	1. Laws of motion
		2. Work, Energy and Power
		3. Motion of System of particles and Rigid body
		4. Gravitation
		5. Mechanical Properties of Solids
		6. Mechanical Properties of fluids
		7. Thermal Properties of matter
		8. Thermodynamics
3.	Chemistry	1. Some basic concepts
		2. Structure of atom
		3. Periodic classification
		4. Chemical bonding
		5. Redox reactions
		6. GOC
4.	Biology	1. Chapter-1: The Living World Biodiversity
		2. Chapter-2: Biological
		3. Chapter-3: Plant Kingdom
		4. Chapter-4: Animal Kingdom
		5. Chapter-5: Morphology of Flowering Plants

		6. Chapter-6: Anatomy of Flowering Plants
		7. Chapter-7: Structural Organization in Animals
		8. Chapter-8: Cell-The Unit of Life
		9. Chapter-9: Biomolecules
		10. Chapter-10: Cell Cycle and Cell Division Cell cycle
		11. Chapter-13: Photosynthesis in Higher Plants
		12. Chapter-14: Respiration in Plants
		13. Chapter-15: Plant - Growth and Development
		14. Chapter-17: Breathing and Exchange of Gases
	7.5 (7	15. Chapter-18: Body Fluids and Circulation
5.	Maths	Chapter 1 - Sets
	(Core)	Chapter 2 - Relations and Functions
		Chapter 3- Trigonometric Functions
		Chapter 4 - Complex numbers Chapter 5 - Linear Inequalities
		Chapter 6 -Permutations and Combinations
		Chapter 7 - Binomial Theorem
		Chapter 8 - Sequence and Series
		Chapter 9 – Straight Lines
		Chapter 11 – Introduction to three Dimensional Geometry
		Chapter 12 -Limits & Derivatives
		Chapter 14 - Probability
6.	Applied	Unit 1 Numbers, Quantification and Numerical Applications
	Maths	Unit 2 Algebra – Sets
		- Relation
		- Sequences and series
		- Permutation and combinaton
		Unit 3 Mathematical reasoning
		Unit 4 Calculus – Functions, Limits
		Unit 5 Probability
		Unit 6 Descriptive Statistics
		Unit 7 Basic of Financial Mathematics
7.	Sociology	Book 1
''	Sociology	Ch 3 Understanding Social Institutions
		Ch 4 Culture and Socialistion
		Ch 5 Doing Sociology
		Book 2
		Ch 2 Social Change and Social Order in Rural and Urban Society
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8.	Psychology	Chapter 1- Introduction to Psychology
		Chapter 2- Research Methodology
		Chapter 3 – Human Development Chapter 5 – Learning (Classical & Operant conditioning and chapter)
		Chapter 5 – Learning (Classical & Operant conditioning and observational
	I	learning)
		Charter C Manager
		Chapter 6- Memory
		Chapter 6- Memory Chapter 7- Thinking Chapter 8- Motivation & Emotion

9.	Political	PART A-INDIAN CONSTITUTION AT WORK
	Science	1. Chapter 1- Constitution: Why And How?
		2. Chapter 2- Rights In The Indian Constitution
		3. Chapter 3- Election And Representation
		4. Chapter 4- Executive
		5. Chapter 5- Legislature
		6. Chapter 6- Judiciary
		Part B- Political Theory
		9. Chapter 1- Political Theory: An Introduction
		10. Chapter 2- Freedom
		11. Chapter 3- Equality
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		14. Chapter 6- Citizenship
		15. Chapter 7- Nationalism
		16. Chapter 8- Secularism
10.	History	Theme 1 Writing and city life
10.	THIS COLY	Theme 2 An Empire across three continents
		Theme 3 Nomadic Empires
		Theme 4 The three orders
		Theme 5 Changing cultural traditions
		Theme6 Displacing indigenous people
		Theme 7 Paths to modernization
		Related map work as given in class.
11.	Economics	Micro Ch 1 Economics and Economy
11.	Economics	Micro Ch 2 Central Problems of An Economy
		Micro Ch 5 Theory of Demand
		Micro Ch 6 Price Elasticity of Demand
		Micro Ch 7 Production Function
		Micro Ch 8 Concepts of Cost
		Micro Ch 9 Revenue
		Micro Ch 10 Producers Equilibrium
		Micro Ch 11 Theory of Supply
		Micro Ch 12 Forms of Market - Perfect Competition
		Micro Ch 13 Market Equilibrium Under Perfect Competition and Effects of
		Shifts In Demand and Supply
		Statistics Ch 1 Introduction To Statistics
		Statistics Ch 2 Collection of Data
		Statistics Ch 2 Concerton of Data Statistics Ch 3 Census and Sample Methods of Collection of Data
		Statistics Ch 4 Organization of Data
		Statistics Ch 5 Tabular Presentation of Data
		Statistics Ch 6 Diagrammatic Presentation
		Statistics Ch 7 Frequency Diagrams
		Statistics Ch 8 Arithmetic Line Graphs
		Statistics Ch 9 Measures of Central Tendency-Arithmetic Mean
		Statistics Ch 10 Measures of Central Tendency-Median and Mode
		Statistics Ch 11 Correlation
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12.	Accountancy	Chapter 3. Theory base of Accounting
		Chapter 6 Rules of Debit and Credit
		Chapter 8. Journal
		Chapter 9. Ledger
		Chapter 10. Cashbook
		Chapter 13. Bank Reconciliation Statement
		Chapter 14. Trial Balance
		Chapter 15. Depreciation
		Chapter 18. Financial Statements
		Chapter 19. Adjustments in Financial Statements
13.	Business	Chapter 1 Nature and Purpose of Business
	Studies	Chapter 2 Forms of Business Organisation
		Chapter 3 Public, Private and Global Enterprises
		Chapter 4 Business Services
		Chapter 5 Emerging modes of business
		Chapter 6 Social Responsibility of Business and Business Ethics
		Chapter 7 Sources of Business Finance Chapter 8 Small Business
		Chapter 9 Internal Trade
14.	Legal	Unit 1- Introduction to Political Institutions
17.	Studies	Unit 2- Basic Features of the Constitution of India
	Studies	Unit 3- Jurisprudence, Nature and Sources of Law
		Unit 4- Judiciary: Constitutional, Civil and Criminal Courts
		Unit 5- Family Justice System
15.	Computer	Chapter 5 Getting started with Python
_,	Science	Chapter 6 Python Fundamentals
		Chapter 7 Data Handling
		Chapter 8 Introduction to Python Modules
		Chapter 9 Flow of control
		Chapter 10 String Manipulation
		Chapter 11 List Manipulation
		Chapter 12 Tuples
4 -		Chapter 15 Society Law and Ethics
16.	Physical	UNIT 1 Changing Trends & Career in Physical Education
	Education	UNIT 2 Olympic Value Education
		UNIT 3 Yoga
		UNIT 4 Physical Education & Sports for CWSN
		UNIT 5 Physical Fitness, Wellness
		UNIT 6 Test, Measurements & Evaluation
		UNIT 7 Fundamentals of Anatomy and Physiology in Sports
		UNIT 8 Fundamentals of Kinesiology and Biomechanics in Sports
		UNIT 9 Psychology and Sports
		UNIT 10 Training & Doping in Sports
17.	Food	Employability skills
	Production	Chapter 3: I.C.T, Chapter 4: Entrepreneurship
		Food Production
ļ		Chapter 5 : Kitchen commodities
		Chapter 6 : Storage of Commodities
		Chapter 7 : Techniques of pre-preparation
ļ		Chapter 8 : Methods of cooking

1.Jeevni 2.Raag Parichay 3.Bihag And Bhimpalasi Notations. 4.Definations- Lay And Shruti 5.Dhrupad	
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5.Dhrupad	
() () ()	
6.Natya Shastra	
7.Teen Taal,Ek Tal,Chautaal	
8.Defination-Raag	
19. Kathak THEORY:30 marks	
1. A brief history of Indian dance.	
2. Acquaintance with the themes of Ramayana, Mahabhara	taa, Bhagvata
Purana and Gita Govinda in context of Kathak. Acquaintan	•
myths and legends pertinent to the dance drama or gat bhas	av like Kalia
daman, Govardhan lila, Panghatlila, Draupadi cheer haran,	
Marich vadh, Bhasmasur vadh, Madan dahan, etc.	
3. A brief history of Kathak dance. Reference from ancient	text (vedic,
puranic, epics and other scriptures). evolution of Kathak da	nce in Pracheen
kal/Mandir kal (kathavachak and Rasdhar tradition, etc.) M	ladhya kal/
Darbarkal, Adhunik kal covering British and post independent	lent era till the
present time.	
4. Acquaintance with its repertoire. Rang pravesh / invocat	•
(Bandish) from traditional technical dance part of kathak. I	-
abhinay, bhajans, thumri, dadra, ghazals, dhrupad, kavit, et	c. Rhythmic
musical composition like Tarana, Tirvat, Chaturang, etc.	
5. Distinctive aspects of Kathak (using of ghungrus, chakks)	ars, upaj,
costume, etc.	
6. Ability to write notation of teental and jhaptal (thah, dug	
7. Definition and short explanation: Nritta, Nritya, Natya, 7	l'andava, Lasya,
Anga, Upanga, Pratyanga.	
Practical: 70	CTD 4
1. Practice of basic standing position and various patter	
2. Practice of exercise of different parts of the human	body particularly
anga, pratyanga, upanga.	. 1
3. Practice of exercise of ten different movements {ha	stak { chakkars in
teen taal in thah, dugun, chaudganlaya. 4. Prahant of teentaal, jhap taal with hast kriya in thah,	dugun ahayayın
5. Practice of tatkar set to teental in a slower tempo (that	•
	an iaya) and in its
double(dugun) and four times (chaugun). 6. The student should know the following composition	s: (a) Thaat 1
(b) Aamad 2 (c) Fast Aamad (tez aamad) 2 (d) Vandana	
Toda 4 (f) Natwari ka tukra 4 (g) Gatnikaas 3 (h) Gatbl	
4 (j) Tihaayi 4 (k) Ladi/laya Baant 2 (l) Parhant of tukd	` '
T () I maayi + (k) Ladi/iaya Baant 2 (i) i amant 01 tuku	u / t
20. Painting Pre Historic Rock painting and art of Indus valley	
Buddhist Jain and Hindu Art	
	lamic
Temple Sculptures, Bronzes and Artistic aspects of Indo-Is	iaiiiic
Architecture.	

21.	FMM	Unit 1: Markets and Financial Instruments
		Unit 2: Primary and Secondary Market
		Unit 3: Mutual Funds Products and Features
		Unit 4: ETFs, Debt and Liquid Funds
		Unit 5: Taxation and Regulations
		Employability skills
		Unit 1 : Communication Skills
		Unit 2 : Self-Management Skills
		Unit 3 : ICT Skills
		<u>Unit 4 : Entrepreneurial Skills</u>
