AVB ADARSH VIDYA BHAWAN



SYLLABUS CLASS - XI SESSION 2025-2026

ENGLISH CORE (301)

April - May

Hornbill: The Portrait of A Lady Poem: A Photograph Snapshots: The Summer of the Beautiful White Horse Writing: Advertisement Grammar : Tenses Reading: Unseen Comprehension

July - August

Hornbill: Discovering Tut: The Saga Continues , We're Not Afraid to Die...If We Can Be Together
Poem: The Voice of the Rain
Snapshots: The Address
Grammar: Clauses
Writing: Poster Designing, Speech
Reading: Note Making
September - October
Hornbill: The Adventure
Poem: The Laburnum Top , Father to Son
Snapshots: Mother's Day, Birth
Writing: Debate
Grammar: Transformation of sentences
Reading: Unseen Comprehension

November - December Hornbill: Childhood (Poem) Snapshots: The Tale of Melon City Grammar: Reordering of Sentences, Transformation of Sentences (cont.) Writing: Debate Writing Reading: Note-making

January and February Hornbill: The Silk Road Grammar: Integrated Grammar, Reordering of Sentences Reading: Note-making

PHYSICS (042)

Time: 3 hrs.

		No. of Periods (160)	Marks =70
Unit–I	Physical World and Measurement	08	
	Chapter-2: Units and Measurements	5	
Unit-II	Kinematics		23
	Chapter–3: Motion in a Straight Line	24	
	Chapter-4: Motion in a Plane		
Unit–III	Laws of Motion	14	
	Chapter–5: Laws of Motion	14	
Unit–IV	Work, Energy and Power	14	
	Chapter–6: Work, Energy and Power		17
Unit–V	Motion of System of Particles and Rigid Body	18	
	Chapter–7: System of Particles and Rotational Motion	-	
Unit-VI	Gravitation		
	Chapter-8: Gravitation	12	
Unit–VII	Properties of Bulk Matter		
	Chapter–9: Mechanical Properties of Solids		
	Chapter–10: Mechanical Properties of Fluids	24	20
	Chapter-11: Thermal Properties of Matter		
Unit–VIII	Thermodynamics	12	
	Chapter–12: Thermodynamics		
Unit–IX	Behavior of Perfect Gases and Kinetic Theory of Gases	8	
	Chapter–13: Kinetic Theory		
Unit–X	Oscillations and Waves	26	.10
	Chapter-14: Oscillations		
	Chapter–15: Waves		

APRIL-MAY

Physical World and Measurement Unit I: Chapter–2: Units and Measurements Unit II: Kinematics : Chapter–3: Motion in a Straight Line

JULY

Chapter–4: Motion in a Plane

<u>AUGUST</u> Unit III: Laws of Motion Chapter–5: Laws of Motion

Unit IV: Work, Energy and Power Chapter–6: Work, Energy and Power

SEPTEMBER

Unit V: Motion of System of Particles and Rigid Body **Chapter–7: System of Particles and Rotational Motion # REVISION FOR MID TERM EXAMINATION**

OCTOBER

Unit VI: Gravitation Chapter–8: Gravitation Unit VII: Properties of Bulk Matter Chapter–9: Mechanical Properties of Solids

NOVEMBER

Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter <u>DECEMBER</u> Unit VIII: Thermodynamics Chapter–12: Thermodynamics Unit IX: Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter–13: Kinetic Theory JANUARY

Unit X: Oscillations and Waves Chapter–14: Oscillations Chapter–15: Waves

PRACTICAL SYLLABUS

Total Periods: 60

- Record of at least 8 Experiments [with 4 from each section], to be performed by the students.
- Record of at least 6 Activities [with 3 each from section A and section B], to be performed by the students.
- Report of the project carried out by the students.

EVALUATION SCHEME

Time 3 hours

Max. Marks: 30

Торіс	Marks
Two experiments one from each section	7+7
Practical record (experiment and activities)	5

One activity from any section	3
Investigatory Project	3
Viva on experiments, activities and project	5
Total	30

SECTION-A Experiments

April/May

- 1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
- 2. To measure diameter of a given wire and thickness of a given sheet using screw gauge.
- 3. To determine volume of an irregular lamina using screw gauge.

July

- 4. Using a simple pendulum, plot its $L-T^2$ graph and use it to find the effective length of second's pendulum.
- 5. To study the relationship between force of limiting friction and normal reaction and to find the co- efficient of friction.

Activities

- 1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.
- 2. To plot a graph for a given set of data, with proper choice of scales and error bars.
- **3**. To measure the force of limiting friction for rolling of a roller on a horizontal plane.

SECTION-B

August

6.To find the force constant of a helical spring by plotting a graph between load and extension.

7. To study the relationship between the temperature of a hot body and time by plotting a cooling curve.

October – November

8. To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.

Activities

4. To note the change in level of liquid in a container on heating and interpret the observations.

5. To study the factors affecting the rate of loss of heat of a liquid.

6. To study the effect of load on depression of a suitably clamped metre scale loaded at (i) its end (ii) in the middle.

OR

7. To study dissipation of energy of a simple pendulum by plotting a graph between square of amplitude and time.

CHEMISTRY (043)

Theory: 70 Marks Practical: 30 Marks TIME ALLOWED: 3 Hours

	UNITS	MARKS
PART A	CHEMISTRY BOOK 1	
Unit 1	Some basic concepts of chemistry	7
Unit 2	Structure of atoms	9
Unit 3	Periodic classification	6
Unit 4	Chemical bonding	7
Unit 5	Thermodynamics	9
Unit 6	Equilibrium	7
PART B	CHEMISTRY BOOK 2	
Unit 7	Redox	4
Unit 8	Organic chemistry: some basic principles and techniques	11
Unit 9	Hydrocarbon	10
	Theory (Part A + Part B)	70
PART C	Practical Work	30
	Total	100

PRACTICAL EVALUATION SCHEME	MARKS
Volumetric Analysis	08
Salt analysis	08
Content based experiment	06
Project work	04
Class record and viva	04
Total marks	30

THEORY SYLLABUS

APRIL - MAY

Unit 1: Some basic concepts of chemistry

Unit 2: Atomic structure

<u>JULY</u>

Unit 3: Periodic classification

Unit 4: -Chemical Bonding and Molecular Structure

AUGUST - SEPTEMBER

Unit 5: Chemical thermodynamics -

Unit 6: Equilibrium -

REVISION TERM 1

OCTOBER - NOVEMBER

Unit 7: Redox Reactions

Unit 8: Organic Chemistry - Some Basic Principles and Techniques

DECEMBER

Unit 9: Hydrocarbons

- 1. SAMPLE PAPERS FOR CHAPTERS OF BOOK1 AND BOOK2
- 2. REVISION FOR FINAL EXAMS
- 3. COMPLETION OF ALL PRACTICALS + MOCK PRACTICALS

JANUARY - FEBRUARY

Revision + Mock tests

PRACTICAL SYLLABUS

PRACTICAL	MONTHS
1. Bending a glass tube	April
2. Preparation of standard solution of oxalic acid	April
3. Titration of sodium hydroxide vs oxalic acid	Мау
4. Preparation of standard solution of sodium carbonate	Мау
5. Titration of Hydrochloric acid vs sodium carbonate solution	Мау
6. SALT ANALYSIS	July
7. SALT ANALYSIS	July
8. SALT ANALYSIS	July
9. SALT ANALYSIS	August
10. Crystallization of impure crude sample of Copper sulphate	August
11. REVISION OF ALL PRACTICALS	SEPTEMBER-
	OCTOBER
12. MOCK PRACTICALS + DOUBTS	NOVEMBER-
	DECEMEBER

BIOLOGY(044) (THEORY)

Time: 03 Hours

Max.Marks:70

Unit	Title	Marks
I	Diversity of Living Organisms	15
II	Structural Organization in Plants and Animals	10
III	Cell: Structure and Function	15
IV	Plant Physiology	12
V	Human Physiology	
	Total	70

Month	Unit	Chapter
April	Unit-I Diversity of Living Organisms	Chapter 1: The Living World Chapter 2: Biological Classification
Мау	Unit-I Diversity of Living Organisms	Chapter 2: Plant Kingdom Chapter 4: Animal Kingdom
July	Unit V – Human Physiology	Chapter 14: Breathing and Exchange of Gases Chapter 15: Body Fluids and Circulation Chapter 16: Excretory Products and their Elimination
August	Unit V – Human Physiology	Chapter 17: Locomotion and Movement Chapter 18: Neural Control and Coordination Chapter 19: Chemical Coordination and Integration
September	Half Yearly	Half Yearly (Revision and Exam)
October -	Unit IV – Plant Physiology	Chapter 11: Photosynthesis in Higher Plants Chapter 12: Respiration in Plants Chapter 13: Plant Growth and Development
November	Unit-II Structural Organization in Plants and Animals	Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organisation in Animals
December	Unit III - Cell: Structure and Function	Chapter 8: Cell: The Unit of Life Chapter 9: Biomolecules Chapter 10: Cell Cycle and Cell Division
January - February	Revision and Practical Exams	Revision and Practical Exams

Time: 03 Hours

Max. Marks: 30

Evaluation Scheme		Marks
One Major Experiment Part A (Experiment No-1,3,7,8)		5 Marks
One Minor Experiment Part A (Experir	ment No- 6,9,10,11,12,13)	4 Marks
Slide Preparation Part A (Experiment	No- 2,4,5)	5 Marks
Spotting Part B		7 Marks
Practical Record + Viva Voce (Credit to the student's		4 Marks
Project Record+ Viva Voce	Work over the academic session may be given)	5 Marks
Total		30 Marks

A: List of Experiments

- Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound).
- 2. Preparation and study of T.S. of dicot and monocot roots and stems (primary).
- 3. Study of osmosis by potato osmometer.
- 4. Study of plasmolysis in epidermal peels (e.g. Rhoeo/ lily leaves or flashy scale leaves of onion bulb).
- 5. Study of distribution of stomata on the upper and lower surfaces of leaves.
- 6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.
- 7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.
- 8. Separation of plant pigments through paper chromatography.
- 9. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.
- 10. Test for presence of urea in urine.
- 11. Test for presence of sugar in urine.
- 12. Test for presence of albumin in urine.
- 13. Test for presence of bile salts in urine.

B. Study and Observe the following (spotting):

- 1. Parts of a compound microscope.
- Specimens/slides/models and identification with reasons Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
- 3. Virtual specimens/slides/models and identifying features of *Amoeba, Hydra,* liver fluke, *Ascaris*, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.
- 4. Mitosis in onion root tip cells and animal's cells (grasshopper) from permanent slides.
- 5. Types of inflorescence (cymose and racemose).
- 6. Human skeleton and different types of joints with the help of virtual images/models only.

MATHEMATICS (041)

Theory: 80 marks

Time: 3 hours

Practical: 20 marks

S.NO.	UNITS	MARKS
1	Sets and Functions	23
2	Algebra	25
3	Coordinate Geometry	12
4	Calculus	08
5	Statistics and Probability	12
	TOTAL	80
	INTERNAL ASSESSMENT	20
	GRAND TOTAL	100

EVALUATION SCHEME

APRIL-MAY

Unit-I: Sets and Functions

- 1. <u>Sets</u>.
- 2. <u>Relations & Functions</u>
- 3. Trigonometric Functions

JULY-AUGUST

Unit-II: Algebra

1. Complex Numbers and Ouadratic Equations

2. Linear Inequalities

<u>Unit-V Statistics and Probability</u> <u>1. Statistics</u>

SEPTEMBER-OCTOBER

NOVEMBER- DECEMBER

<u>Unit-II: Algebra</u>

- 3. <u>Permutations and Combinations</u>
- 4. <u>Binomial Theorem</u>
- 5. <u>Sequence and Series</u>

Unit-III: Coordinate Geometry

- 1. Straight Lines
- 2. Conic Sections

3. Introduction to Three-dimensional Geometry

Unit-IV: Calculus

JANUARY-FEBRUARY

- 1. Limits and Derivatives
- **Unit-V Statistics and Probability**
 - 2. Probability

PRACTICAL:

ACTIVITY1: To find the number of subsets of given set and verify that if a set has number of elements, then the

total number of subsets is 2^n .

<u>ACTIVITY 2:</u> To represent set theoretic operations using Venn diagrams.

ACTIVITY 3: To identify a relation and a function

<u>ACTIVITY 4</u>: To find analytically $\lim_{x\to c} x^2 - c^2/x - c$

<u>ACTIVITY 5:</u> To demonstrate that the Arithmetic mean of two different positive numbers is always

greater than the Geometric mean.

ACTIVITY 6: To plot the graphs of sin x, sin 2x, 2sinx and sin 2 x, using same coordinate

axes.

ACTIVITY 7: To find the values of sine and cosine functions in second, third and fourth quadrants

using their given values in first quadrant.

ACTIVITY 8: To construct a parabola.

ACTIVITY 9: To write the sample space, when a coin is tossed once, two times, three times,

four times.

ACTIVITY10: To verify the relation between the degree measure and the radian the measure of an angle.

COMPUTER SCIENCE (083)

<u> APRIL – MAY</u>

- Ch-2 Data Representation
- Ch-3 Boolean Logic
- Ch- 5 Getting Started with Python
- Ch-6 Python Fundamentals

<u>JULY</u>

- Ch-4 Introduction to Problem Solving
- Ch-7 Data Handling
- Ch-9 Flow of Control
- Ch-10 Strings Manipulation

AUGUST -SEPTEMBER

- Ch-11 Lists Manipulation
- Ch-1 Computer System Overview

OCTOBER - NOVEMBER

- Ch-12 Tuples
- Ch-13 Dictionary
- Ch-14 Cyber Safety

DECEMBER

Ch -15	Society Law & Ethics
Ch-8	Introduction to Python Modules

JANUARY-FEBRUARY

REVISION & COMPLETION OF PRACTICAL & PROJECT WORK

PRACTICAL

S.No.	Unit Name	Marks (Total=30)
1.	Lab Test (12 marks)	
	Python program (60% logic + 20% documentation + 20% code quality)	12
2.	Report File + Viva (10 marks)	
	Report file: Minimum 20 Python programs	7
1	Viva voce	3
3.	Project (that uses most of the concepts that have been learnt)	8

- Determine whether a number is a perfect number, an Armstrong number or a palindrome.
- Input a number and check if the number is a prime or composite number.
- Display the terms of a Fibonacci series.
- Compute the greatest common divisor and least common multiple of two integers.
- Count and display the number of vowels, consonants, uppercase, lowercase characters in string.
- Input a string and determine whether it is a palindrome or not; convert the case of characters in a string.
- Find the largest/smallest number in a list/tuple

• Input a list of numbers and swap elements at the even location with the elements at the odd location.

PSYCHOLOGY (037)

<u>APRIL</u> Unit I What is Psychology?

MAY Unit II Methods of Enquiry in Psychology

<u>JULY</u> Unit IV Human Development

<u>AUGUST</u> Unit V Sensory, Attentional and Perceptual Processes

SEPTEMBER Unit VI Learning

OCTOBER Unit VII Human Memory

NOVEMBER Unit VIII Thinking

DECEMBER-JANUARY Unit IX Motivation and Emotion

PHYSICAL EDUCATION (048)

THEORY-70

DURATION = 3HOURS

PRACTICAL-30

APRIL-MAY

Unit-I Changing Trends & Career in Physical Education

Unit II Olympism

JULY-AUGUST

Unit III Yoga

Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)

Unit V Physical Fitness, Health, and Wellness

SEPTEMBER

REVISION OF MID TERM EXAM

OCTOBER – NOVEMBER

Unit VI Test, Measurement & Evaluation

Unit VII Fundamentals of Anatomy, Physiology in Sports

DECEMBER

Unit-VIII Fundamentals of Kinesiology and Biomechanics in Sports

Unit-IX Psychology & Sports

JANUARY - FEBRUARY

Unit-X Training and Doping in Sports

REVISION OF SYLLABUS

Practical

Max. Marks: 30

6

Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)*

Marks

Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of Choice)**

	7 Ma	rks
Yogic Practices	7 Ma	rks
Record File ***	5 Ma	rks
Viva Voce (Health/ Games & Sports/ Yoga)	5 Ma	ſks

➤ *Test for CWSN (any 4 items out of 27 items. One item from each component: Aerobic Function, Body Composition, Muscular strength & Endurance, Range of Motion or Flexibility)

➤ **CWSN (Children With Special Needs – Divyang): Bocce/Boccia, Sitting Volleyball, Wheel Chair Basketball, Unified Badminton, Unified Basketball, Unified Football, Blind Cricket, Goalball, Floorball, Wheel Chair Races and Throws, or any other Sport/Game of choice.

**Children with Special Needs can also opt any one Sport/Game from the list as alternative to Yogic Practices. However, the Sport/Game must be different from Test - 'Proficiency in Games and Sports'

***Record File shall include:

> Practical-1: Fitness tests administration. (SAI Khelo India Test)

➤ Practical-2: Procedure for Asanas, Benefits & Contraindication for any two

Asanas for each lifestyle disease.

➤ Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled, diagram

of Field & Equipment. Also, mention its Rules, Terminologies & Skills.

APRIL & MAY

- 1. Introduction of Accounting
- 2. Basic Accounting Terms
- 3. Theory Base of Accounting, Accounting Standards and Indian Accounting

Standards (Ind-AS)

JULY

- 4. Bases of Accounting
- 5. Accounting Equation
- 6. Accounting Procedures- Rules of Debit and credit
- 7. Origin of Transactions- Source Documents and Preparation of Vouchers

AUGUST & SEPTEMBER

- 8. Journal
- 9. Ledger
- 10. Special Purpose Books Cash Book & Other Books
- 11. Accounting of Goods & Services Tax (GST)

OCTOBER & NOVEMBER

- 12. Bank Reconciliation Statement
- 13. Trial Balance
- 14. Depreciation
- 15. Provisions and Reserves

DECEMBER & JANUARY

- 16. Rectification of Errors
- 17. Financial Statements of Sole Proprietorship
- 18. Adjustments in Preparation of Financial Statements
- 19. Accounts from Incomplete Records- Single Entry System

ECONOMICS (030)

APRIL & MAY

Micro Economics Unit: 5 Demand Statistics Unit:1 Introduction Unit:2 Collection of data

JULY Micro Economics Unit:5 Consumer Equilibrium Unit: 4 Introduction

AUGUST & SEPTEMBER

Statistics Unit:2 Organization of Data Presentation of Data Unit:3 Measures of Central Tendency - Arithmetic mean # Project Work

OCTOBER & NOVEMBER

Micro Economics Unit:6 Production function Unit:7 Cost Unit:7 Revenue Unit:7 Producer Equilibrium Statistics Unit:3 Measures of Central tendency (Median and Mode)

DECEMBER

Micro Economics Unit:6 Supply Unit:7 Main forms of market Statistics Unit:3 Measures of Correlation

JANUARY & FEBRUARY

Micro Economics Unit:7 Price Determination and Simple Applications Statistics Unit:3 Index Numbers

BUSINESS STUDIES (054)

	Units	Marks
Part A	Foundations of Business	
1	Nature and Purpose of Business	16
2	Forms of Business Organizations	
3	Public, Private and Global Enterprises 1	
4	Business Services	
5	Emerging Modes of Business	10
6	Social Responsibility of Business and Business Ethics	
Part B	Finance and Trade	
7	Sources of Business Finance	20
8	Small Business	
9	Internal Trade	20
10	International Trade	
	Theory (Part A + Part B)	80
Part C	Project Work (ONE)	20
	Total	100

APRIL -MAY

PART A: FOUNDATIONS OF BUSINESS

Unit 1: Evolution and Fundamentals of Business

<u>JULY</u>

Unit 2: Forms of Business organizations

AUGUST-SEPTEMBER

Unit 3: Public, Private and Global Enterprises

Unit 4: Business Services

Unit 5: Emerging Modes of Business

REVISION (MID TERM EXAMS)

OCTOBER & NOVEMBER

Unit 6: Social Responsibility of Business and Business Ethics

Part B: Finance and Trade

Unit 7: Sources of Business Finance

Project Work as per CBSE Guidelines

DECEMEBER

Unit 8: Small Business and Enterprises

Unit 9: Internal Trade

JANUARY & FEBRUARY

Unit 10: International Trade

REVISION (COMPLETE SYLLABUS)

MOCK TEST (JANUARY)

Full Syllabus

ANNUAL EXAMINATION (MARCH) - Full Syllabus

PROJECT ASSESSEMENT

PROJECT WORK TOTAL 20 MARKS (ONLY ONE PROJECT)

ASSESSMENT RUBRICS	MARKS
Initiative, cooperativeness, and participation	2
Creativity in presentation	2
Content, observation and research work	4
Analysis of situations	4
Viva based on the project	8
TOTAL	20

PAINTING (049)

THEORY-30 PRACTICAL-70

DURATION = 2 HOURS DURATION = 6 HOURS

APRIL-MAY

THEORY

Unit 1	Content		
Pre-Historic Rock-Paintings			
1.	 Introduction Period and Location Study and appreciation of following pre-historic paintings: Wizard's Dance, Bhimbethaka Extension: In about 1500 miles. Harappa &Mohenjo-daro (Now in Pakistan)Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India) 		
2	Study and appreciation of following: Sculptures in Bronze and Terra cottas: Introduction to Method of Bronze casting		
	 Dancing girl (Mohenjo-daro) Bronze, 10.5 x 5 x 2.5 cm. Circa 2500 B.C. (Collection: National Museum, New Delhi). 		
	 Male Torso (Harappa)Red lime Stone, 9.2 x 5.8 x 3 cms. Circa 2500 B.C. (Collection: National Museum, New Delhi) 		
	 Mother Goddess (Mohenjo-daro) terracotta, 22 x 8 x 5 c Circa2500 B.C. (Collection: National Museum, New Delhi) 		
3	Study and appreciation of following Seal:		
	 Bull (Mohenjo-daro)Stone (Steatite), 2.5 x 2.5 x 1.4 cm. Circa 2500 B.C. (Collection: National Museum, New Delhi). 		
	 Decoration on earthen wares: Painted earthen-ware (Jar) Mohenjodaro (Collection: National Museum, New Delhi). 		

Practical

Part	Content	Marks
1	Nature and Object Study (Observation Based)	
	Study of two or three natural and geometric forms in pencil	
	with light and shade from a fixed point of view. Natural forms	
	like plants, vegetables, fruits and flowers, etc., are to be	25
	used. Geometrical forms of objects like cubes, cones,	
	prisms, cylinders and spheres should be used.	

JULY-AUGUST

Buddhist,	Jain ar	nd Hindu Art (3rd century B.C. to 8th century A.D.)	
1.	Genera • •	al Introduction and understanding of Art during Mauryan Period: Mirror like polish (eg. Chauri Bearer from Didar Ganj/Yakshi called Monalisa of India, Iron Pillar of Qutab Minar that has never rusted. Shunga: Kushana Period: evolution and mutation of Gandhara, Mathura Gupta Period: Amalgamation of Gandhara, Mathura into Gupta Style	
2.	2. Study and appreciation of following Sculptures.		
	i.	Lion Capital from Sarnath	
		Circa: 3rd Century BCE Period: Mauryan	
		Material: Polished sandstone,	
		Collection: Sarnath Museum, U.P.	
	11.	Chauri Bearer from Didar Ganj (Yakshi)	
		Circa 3rd Century BCE Period:	
		Material: Poliched conditions, Collection: Potno Museum, Riber	
		Sosted Puddha from Katra Mound, Mathura	
		Circo 2rd Contuny C.E.	
		Circa 3 rd Ceritury C.E. Deriod: Kushan (Mathura Style)	
		Material: Red-spotted Sandstone, Collection: Govt Museum, Mathura	
	iv.	Jain Tirathankara	
		Circa: 5th Century	
		Period: Gupta period:5 th Century CE Material: Stone	
-		Collection: State Museum, Lucknow U.P.	
3.	Intro	duction to Ajanta Location	
	Perio	od: 5 ^m Century CE No of caves:30	
		s: 25 subject matter- Bodbisattva	
	Padr	napani Techniques: Rock cut Architecture, sculpture, fresco painting	

Practical Paper

Part	Content	Marks
2	Painting Composition (Imagination based) Simple	
	exercises of basic drawing and colouring of human figures organized in attractive visual compositions.	
	Sketches from life and nature	25

OCTOBER – NOVEMBER

Unit 3	Temple Sculpture, Bronzes and		
	artistic aspects of Indo- Islamic Architecture		
(A)	Artistic aspects of Indian Temple sculpture Period: 6 th Century CE to 13 th		
	Century CE		
	1. Introduction to Temple Sculpture		
	Overview of temple sculpture practices in India, with a focus on key periods, regions,		
	and stylistic developments between the 6th and 13th centuries CE.		
	2 Study and Approciation of Notable Temple Sculptures:		
	2. Study and Appreciation of Notable Temple Sculptures.		
	Descent of Ganga		
	Period: Circa 7th Century CE Dynasty: Pallava		
	Material: Granite Rock		
	Location: Mahabalipuram, Tamil Nadu		
	Trimurti		
	Period: Circa 9th Century CE		
	Material: Stone		
	Location: Elephanta, Manarashtra		
	Lakshmi Narayana (Kandariya Manadev Temple)		
	Period: Circa Toth Century CE Dynasty: Chandele		
	Dynasty, Chandela Metorial: Stope		
	 Material. Storie Location: Khajuraho, Madhya Pradesh 		
	Cymbal Player (Konark Sun Temple)		
	Period: Circa 13th Century CE		
	Dynasty: Ganga Dynasty		
	Material: Stone		
	Location: Odisha		
	Mother and Child (Vimal-Shah Temple, Dilwara)		
	Period: Circa 13th Century CE		
	Dynasty: Solanki Dynasty		
	Material: White Marble		
	Location: Mount Abu, Rajasthan		
В	Bronzes:		
	1. Introduction to Indian Bronzes.		
	2. Method of casting (solid and hollow)		
	3. Study and appreciation of following South Indian Bronze:		
	Nataraj		
	Period: Circa 12th Century CE		
	Dynasty: Chola		
	Location: Thanjavur District, Tamil Nadu		
	Collection: National Museum, New Delhi		

(C)	Artistic aspects of the Indo-Islamic architecture:
	1. Introduction
	2. Study and appreciation of following architecture:
	Qutub Minar, Delhi
	Gol Gumbad of Bijapur

Practical

Part	Content	Marks
3	Portfolio Assessment	
	 (a) Record of the entire years' performance from sketch to finished product. 	10
	(b) Five selected nature and object study exercises in any media done during session including minimum of two still life exercises.	5
	(c) One selected work of paintings composition done during	2
	(d) Two selected works of paintings done during the year	3

DECEMBER

Completion of Practical File

JANUARY - FEBRUARY

REVISION OF SYLLABUS

ARTIFICIAL INTELLIGENCE (843) Total Marks: 100 (Theory-50 + Practical-50)

PART A Employability Skills (10 marks)

- Unit 1 : Communication Skills-III
- Unit 2 : Self-Management Skills-III
- Unit 3 : ICT Skills-III
- Unit 4 : Entrepreneurial Skills-III
- Unit 5 : Green Skills-III

PART B Subject Specific Skills (40 Marks)

- Unit 1 Introduction: Artificial Intelligence for Everyone
- Unit 2 Unlocking your Future in AI
- Unit 3 Python Programming
- Unit 4 Introduction to Capstone Project
- Unit 5 Data Literacy Data Collection to Data Analysis

- Unit 6 Machine Learning Algorithms
- Unit 7 Leveraging Linguistics and Computer Science
- Unit 8 AI Ethics and Values

PRACTICAL WORK / PROJECT WORK

IBM Skills Build Certification/any other industry certification	5
Capstone Project	12
Bootcamps/ Internship/other startups	7
Practical File	10
Written Exam (based on practical file)	10
Viva Voce (based on practical file)	6

APRIL – MAY

Unit 1 - Introduction: Artificial Intelligence For EVERYONE Unit 3 – Python Programming (Till Operators)

<u>JULY</u>

- Unit 2 Unlocking your Future in AI
- Unit 3 Python Programming

AUGUST- SEPTEMBER

Unit 1 : Communication Skills-III (PART A) Unit 2 : Self-Management Skills-III (PART A)

Revision of Mid term Exam

OCTOBER – NOVEMBER

- Unit 4 Introduction to Capstone Project
- Unit 5 Data Literacy Data Collection to Data Analysis
- Unit 3 : ICT Skills-III (Part A)
- Unit 5 : Green Skills-III (Part A)

- Unit 6 Machine Learning Algorithms
- Unit 7 Leveraging Linguistics and Computer Science

JANUARY-FEBRUARY

Unit 8 – AI Ethics and Values

Unit 4 : Entrepreneurial Skills-III (PART A)