

## Syllabus (Class XI) 2025-26

SUBJECT: ENGLISH CORE	
HALF YEARLY EXAM	FINAL EXAM
<b>Section – A</b> <b><u>READING SKILLS (26 marks)</u></b> <ul style="list-style-type: none"> <li>Two unseen passages (Unit Test I)</li> <li>Note making and summarization</li> </ul> <b>Section - B</b> <b><u>WRITING SKILLS &amp; GRAMMAR (23 marks)</u></b> <ul style="list-style-type: none"> <li>Advertisement (Unit Test I)</li> <li>Poster</li> <li>Speech</li> <li>Clauses (Unit Test I)</li> <li>Re-ordering of sentences (Unit Test I)</li> </ul> <b>Section - C</b> <b><u>LITERATURE TEXTBOOKS (31 marks)</u></b> <b><u>HORNBILL</u></b> <ol style="list-style-type: none"> <li>The Portrait of a Lady (Prose) (Unit Test I)</li> <li>A Photograph (Poem) (Unit Test I)</li> <li>“We’re Not Afraid to Die... if we can be together</li> <li>Discovering Tut: the Saga Continues</li> <li>The Laburnum Top (Poem)</li> </ol> <b><u>SUPPLEMENTARY READER-SNAPSHOTS</u></b> <ol style="list-style-type: none"> <li>The Summer of the Beautiful White Horse (Prose) (Unit Test I)</li> <li>Mother’s Day (Play)</li> </ol>	<b>Section – A</b> <b><u>READING SKILLS (26 marks)</u></b> <ul style="list-style-type: none"> <li>Two unseen passage (Unit Test II)</li> <li>Note making and summarization</li> </ul> <b>Section - B</b> <b><u>WRITING SKILLS &amp; GRAMMAR (23 marks)</u></b> <ul style="list-style-type: none"> <li>Advertisement</li> <li>Poster</li> <li>Debate (Unit Test II)</li> <li>Gap filling (Tenses, Clauses) (Unit Test II)</li> <li>Transformation of sentences (Unit Test II)</li> </ul> <b>Section - C</b> <b><u>LITERATURE TEXTBOOKS (31 marks)</u></b> <b><u>HORNBILL</u></b> <ol style="list-style-type: none"> <li>The Voice of the Rain (Poem) (Unit Test II)</li> <li>Childhood (Poem) (Unit Test II)</li> <li>The Adventure (Unit Test II)</li> <li>Silk Road (Prose) (Unit Test II)</li> <li>Father to Son (Poem)</li> </ol> <b><u>SUPPLEMENTARY READER-SNAPSHOTS</u></b> <ol style="list-style-type: none"> <li>The Address (Prose) (Unit Test II)</li> <li>Birth ( Prose)</li> <li>The Tale of Melon City(Poem)</li> </ol> <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

### INTERNAL ASSESSMENT

Assessment of listening and speaking skills (5+5 marks)

Project (File 5 marks, Viva 5 marks)

December – Submit project for feedback.

January – Final submission for assessment.

February – Viva

### English Examination Specifications

#### Section A Reading Skills

<b>I.</b>	<b>Reading Comprehension through Unseen Passage</b>	<b>26 Marks</b>
1.	One unseen passage to assess comprehension, interpretation inference and vocabulary. The passage may be factual, descriptive or literary.	<b>(10 Marks)</b>
2.	One unseen <b>case-based</b> passage with verbal/visual inputs like statistical data, charts etc. Multiple Choice Questions / Objective Type Questions will be asked.	<b>(8 Marks)</b>
3.	Note Making and Summarization based on a passage of approximately 200-250 words.	
	<b>i. Note Making:</b>	<b>5 Marks</b>
	0 Title:	1
	0 Numbering and indenting:	1
	0 Key/glossary:	1
	0 Notes:	2
	<b>ii. Summary (up to 50 words):</b>	<b>3 Marks</b>
	0 Content:	2
	0 Expression:	1

## Section B

23 Marks

### II. Grammar

7 Marks

4. Questions on Gap filling (Tenses, Clauses)
5. Questions on re-ordering/transformation of sentences

(Total seven questions to be done out of the eight given).

### III. Creative Writing Skills

16 Marks

6. Short writing task – Classified Advertisements up to 50 words. (3 Marks: Format : 1 / Content : 1 / Expression : 1)
7. Short writing task –Poster up to 50 words. (3marks:Format : 1 / Content : 1 / Expression : 1)
8. Writing a Speech in 120-150 words based on verbal / visual cues related to some contemporary / age-appropriate topic. (5 Marks: Format: 1 / Content: 2 / Expression: 2)
9. Writing a Debate based on visual/verbal inputs in 120-150 words. The theme should be contemporary topical issues. (5 Marks: Format: 1 / Content: 2 / Expression: 2)

## Section C

### IV. Literature

31 marks

(a) Reference to the Context

10. Poetry extract from the book **Hornbill**. (3x1=3 Marks)
11. Prose extract from the book **Hornbill**. (3x1=3 Marks)
12. Prose extract from the book **Snapshots**. (4x1=4 Marks)
13. Short answer type question (one from Prose and one from Poetry from the book **Hornbill**), to be answered in 40-50 words. (3x2=6 Marks)
14. Short answer type question, from the book **Snapshots**, to be answered in 40- 50 words. (3x1=3 Marks)
15. Long answer type question, from **Prose/Poetry Hornbill**, to be answered in 120-150 words. (1x6=6 Marks)
16. Long answer type question, based on the chapters from the book **Snapshots** to be answered in 120-150 words. (1x6=6 Marks)

SUBJECT: PHYSICS	
HALF YEARLY EXAM	FINAL EXAM
<b><u>Theory</u></b> 1. Units and Measurements (Unit Test I) 2. Motion in a Straight Line (Unit Test I) 3. Motion in a Plane 4. Laws of Motion 5. Work, Energy and Power 6. Gravitation 7. System of Particles and Rotational Motion  <b><u>Practicals</u></b> 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 radius of curvature of a given spherical surface by a spherometer. 4. Using a simple pendulum, plot its L-T <sup>2</sup> graph and use it to find the effective length of second's pendulum.  <b>List of Activities</b> 1. To make a paper scale of given least count 2. To plot a graph for a given set of data 3. To measure the force of limiting friction for rolling of a roller on a horizontal plane.	<b><u>Theory</u></b> 8. Mechanical Properties of Solids (Unit Test II) 9. Mechanical Properties of Fluids (Unit Test II) 10. Thermal Properties of Matter 11. Thermodynamics 12. Kinetic Theory 13. Oscillations 14. Waves  <b><u>Practicals</u></b> 1. To find the force constant of a helical spring by plotting a graph between load and extension. 2. To study the relation between frequency and length of a given wire under constant tension using sonometer. 3. To study the relation between the length of a given wire and tension for constant frequency using sonometer. 4. To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.  <b>List of Activities</b> 1. To observe change of state and plot a cooling curve for molten wax 2. To note the change in level of liquid in a container on heating and interpret the observations 3. To study the factors affecting the rate of loss of heat of a liquid.  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

COURSE STRUCTURE		
<b>Time: 3 Hours</b>		<b>Max Marks: 70</b>
		Marks
<b>Unit-I</b>	<b>Physical World and Measurement</b>	<b>23</b>
	Chapter-1: Units and Measurements	
<b>Unit-II</b>	<b>Kinematics</b>	
	Chapter-2: Motion in a Straight Line	
	Chapter-3: Motion in a Plane	
<b>Unit-III</b>	<b>Laws of Motion</b>	<b>17</b>
	Chapter-4: Laws of Motion	
<b>Unit-IV</b>	<b>Work, Energy and Power</b>	
	Chapter-5: Work, Energy and Power	
<b>Unit-V</b>	<b>Motion of System of Particles and Rigid Body</b>	
	Chapter-6: System of Particles and Rotational Motion	<b>20</b>
<b>Unit-VI</b>	<b>Gravitation</b>	
	Chapter-7: Gravitation	
<b>Unit-VII</b>	<b>Properties of Bulk Matter</b>	
	Chapter-8: Mechanical Properties of Solids	
	Chapter-9: Mechanical Properties of Fluids	
	Chapter-10: Thermal Properties of Matter	

<b>Unit–VIII</b>	<b>Thermodynamics</b>	
	Chapter–11: Thermodynamics	
<b>Unit–IX</b>	<b>Behaviour of Perfect Gases and Kinetic Theory of Gases</b>	
	Chapter–12: Kinetic Theory	
<b>Unit–X</b>	<b>Oscillations and Waves</b>	<b>10</b>
	Chapter–13: Oscillations	
	Chapter–14: Waves	
<b>Total</b>		<b>70</b>

**PRACTICAL**

**Max. Marks: 30**

**Time Allowed: Three hours**

Two experiments one from each section	7+7 Marks
Practical record (experiment and activities)	5 Marks
Investigatory Project	3 Marks
Viva on experiments, activities and project one activity from any section	5 Marks
One activity from any section	3 Marks
<b>Total</b>	<b>30 Marks</b>

SUBJECT: CHEMISTRY	
HALF YEARLY EXAM	FINAL EXAM
<b>Theory</b> Unit 1: Some Basic Concepts of Chemistry (Unit Test I) Unit 2: Structure of Atom (Unit Test I) Unit 3: Classification of Elements and Periodicity in Properties (Unit Test I) Unit 4: Chemical Bonding and Molecular Structure Unit 5: Chemical Thermodynamics Unit 7 : Redox Reactions  <b>Practicals</b> 1. Crystallization of impure sample of Alum or CuSO <sub>4</sub> 2. <b>Qualitative Analysis:</b> Determination of anions – CO <sub>3</sub> <sup>2-</sup> , S <sup>2-</sup> , SO <sub>3</sub> <sup>2-</sup> , NO <sub>2</sub> <sup>-</sup> , CH <sub>3</sub> COO <sup>-</sup> , SO <sub>4</sub> <sup>-2</sup> , NO <sub>3</sub> <sup>-</sup> , Cl <sup>-</sup> , Br <sup>-</sup> , I <sup>-</sup> , PO <sub>4</sub> <sup>3-</sup> , C <sub>2</sub> O <sub>4</sub> <sup>2-</sup>	<b>Theory</b> Unit 6 : Equilibrium Unit 8 : Organic Chemistry : Some Basic Principles and Technique (Unit Test II) Unit 9 : Hydrocarbons (Unit Test II)  <b>Practicals</b> 1. <b>Qualitative Analysis:</b> (i) Determination of Cations – Pb <sup>2+</sup> , Cu <sup>2+</sup> , Al <sup>3+</sup> , Fe <sup>3+</sup> , Mn <sup>2+</sup> , Ni <sup>2+</sup> , Zn <sup>2+</sup> , Co <sup>2+</sup> , Ca <sup>2+</sup> , Sr <sup>2+</sup> , Ba <sup>2+</sup> , Mg <sup>2+</sup> , NH <sub>4</sub> <sup>+</sup> (ii) Detection of Nitrogen, Sulphur, Chlorine in organic compound  2. <b>Quantitative Analysis:</b> (i) Using a Chemical balance (ii) Preparation of Standard Solution of oxalic acid and sodium carbonate (iii) Determination of strength of a given solution of sodium hydroxide by titrating it against standard solution of oxalic acid. (iv) Determination of strength of a given solution of hydrochloric acid by titrating it against standard sodium carbonate solution.  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

COURSE STRUCTURE		
Time:3 Hours		Total Marks 70
S. No.	Unit	Marks
1	Some Basic Concepts of Chemistry	7
2	Structure of Atom	9
3	Classification of Elements and Periodicity in Properties	6
4	Chemical Bonding and Molecular Structure	7
5	Chemical Thermodynamics	9
6	Equilibrium	7
7	Redox Reactions	4
8	Organic Chemistry: Some basic Principles and Techniques	11
9	Hydrocarbons	10
	<b>TOTAL</b>	<b>70</b>

PRACTICAL		
Time Allowed: Three hours		Max. Marks: 30
Volumetric Analysis (Titration)		8 Marks
Qualitative Analysis (Salt Analysis)		8 Marks
Content Based Experiment		6 marks
Project Work		4 Marks
Class Record & Viva		4 Marks
<b>Total</b>		<b>30 Marks</b>

SUBJECT: MATHEMATICS																																			
HALF YEARLY EXAM		FINAL EXAM																																	
L-1. Sets (Unit Test I) L-2. Relations and Functions (Unit Test I) L-3. Trigonometric Functions (Unit Test I) L-4. Complex number and Quadratic Equation L-5. Linear Inequalities L-6. Permutation and Combinations L-8. Sequence and Series L-9. Straight Lines		L-7. Binomial Theorem (Unit Test II) L-10. Conic Sections L-11. Introduction to 3 D Geometry (Unit Test II) L-12. Limits and Derivatives (Unit Test II) L-13. Statistics L-14. Probability  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>																																	
<div> Time : 3 Hours Max Marks: 80 </div> <table> <tr> <th>No.</th><th>Units</th><th>Marks</th></tr> <tr> <td>I.</td><td>Sets and Functions</td><td>23</td></tr> <tr> <td>II.</td><td>Algebra</td><td>25</td></tr> <tr> <td>III.</td><td>Coordinate Geometry</td><td>12</td></tr> <tr> <td>IV.</td><td>Calculus</td><td>08</td></tr> <tr> <td>V.</td><td>Statistics and Probability</td><td>12</td></tr> <tr> <td></td><td>Total</td><td>80</td></tr> <tr> <td></td><td>Internal Assessment</td><td>20</td></tr> </table> <table> <tr> <td colspan="2">INTERNAL ASSESSMENT</td><td>20 MARKS</td></tr> <tr> <td colspan="2">Periodic Tests ( Best 2 out of 3 tests conducted)</td><td>10 MARKS</td></tr> <tr> <td colspan="2">Mathematics Activities</td><td>10 MARKS</td></tr> </table>			No.	Units	Marks	I.	Sets and Functions	23	II.	Algebra	25	III.	Coordinate Geometry	12	IV.	Calculus	08	V.	Statistics and Probability	12		Total	80		Internal Assessment	20	INTERNAL ASSESSMENT		20 MARKS	Periodic Tests ( Best 2 out of 3 tests conducted)		10 MARKS	Mathematics Activities		10 MARKS
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**SUBJECT: APPLIED MATHEMATICS****HALF YEARLY EXAM****FINAL EXAM**

1. Numbers (Unit Test I)
2. Indices and Logarithms
3. Quantitative Aptitude
4. Mensuration (Unit Test I)
5. Sets and Relation (Unit Test I)
6. Functions
7. Sequence and Series
8. Utility Bills

1. Permutations and Combinations (Unit Test II)
2. Mathematical Reasoning
3. Limits and Continuity
4. Differentiation (Unit Test II)
5. Probability
6. Statistics (Unit Test II)
7. Compound Interest and Annuity
8. Straight Line
9. Circles and Parabola

**Note :- Full course of Half Yearly Exam will be included in Final Exam.**

**Time: 3 Hours**

**Max Marks: 80**

No.	Units	Marks
I	Numbers, Quantification and Numerical Applications	09
II	Algebra	15
III	Mathematical Reasoning	06
IV	Calculus	10
V	Probability	08
VI	Descriptive Statistics	12
VII	Basics of Financial Mathematics	15
VIII	Coordinate Geometry	05
<b>Total</b>		<b>80</b>
<b>Internal Assessment</b>		<b>20</b>

**INTERNAL ASSESSMENT**

Sl. No.	Area and Weightage	Assessment Area	Marks allocated
1	Project work (10 marks)	Project work and record	5
		Year-end Presentation/ Viva of the Project	5
2	Practical work (10 marks)	Performance of practical and record	5
		Year-end test of any one practical	5
Total			20

**SUBJECT: BIOLOGY****HALF YEARLY EXAM****FINAL EXAM****Theory**

Ch. 1 The Living World  
 Ch. 4 Animal Kingdom (Unit Test I)  
 Ch. 5 Morphology of Flowering Plants (Unit Test I)  
 Ch. 6 Anatomy of Flowering Plants  
 Ch. 9 Biomolecules  
 Ch. 10 Cell Cycle and Cell Division  
 Ch. 14 Breathing and Exchange of Gases (Unit Test I)  
 Ch. 15 Body Fluids and Circulation  
 Ch. 16 Excretory Products and Their Elimination

**Practicals****A- List of Experiments**

1. Study and description of three locally available common flowering plants, one from each of the families Solanaceae, Fabaceae and Liliaceae (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). Types of root (Tap and adventitious); 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. Test for presence of urea in urine.
4. Test for presence of sugar in urine.
5. Test for presence of albumin in urine.
6. Test for presence of bile salts in urine.
7. Test for the presence of sugar, starch, proteins and fats. Detection in suitable plant and animal materials.

**B- Study/observation of the following (spotting)**

1. Different types of inflorescence (cymose and racemose).
2. Study of the parts of a compound microscope.
3. Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides.
4. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.

**Theory**

Ch. 2 Biological Classification (Unit Test II)  
 Ch. 3 Plant Kingdom (Unit Test II)  
 Ch. 7 Structural Organisation in Animals  
 Ch. 8 Cell-The Unit of Life  
 Ch. 11 Photosynthesis in Higher Plants  
 Ch. 12 Respiration in Plants  
 Ch. 13 Plant Growth & Development  
 Ch. 17 Locomotion and Movement (Unit Test II)  
 Ch. 18 Neural Control and Coordination  
 Ch. 19 Chemical Coordination and Integration

**Practicals****A- List of Experiments**

1. Separation of plant pigments through paper chromatography.
2. Study of osmosis by potato osmometer.
3. Study of plasmolysis in epidermal peels (e.g. Rhoeo leaves).
4. Study of distribution of stomata in the upper and lower surface of leaves.
5. Comparative study of the rates of transpiration in the upper and lower surface of leaves.
6. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.

**B- Study/observation of the following (spotting)**

1. 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.
2. Human skeleton and different types of joints with the help of virtual images/models only.

Project Work

**Note :- Full course of Half Yearly Exam will be included in Final Exam.**

**COURSE STRUCTURE**

**Time: 03 Hours**

**Max. Marks: 70**

Unit	Title	Marks
<b>I</b>	Diversity of Living Organisms	15
<b>II</b>	Structural Organization in Plants and Animals	10
<b>III</b>	Cell: Structure and Function	15
<b>IV</b>	Plant Physiology	12
<b>V</b>	Human Physiology	18
	<b>Total</b>	<b>70</b>



**PRACTICALS**

**Time: 03 Hours**

**Max. Marks: 30**

<b>Evaluation Scheme</b>	<b>Marks</b>
One Major Experiment Part A	5 Marks
One Minor Experiment Part A	4 Marks
Slide Preparation Part A	5 Marks
Spotting Part B	7 Marks
Practical Record + Viva Voce	4 Marks
Project Record + Viva Voce	5 Marks
<b>Total</b>	<b>30 Marks</b>

SUBJECT: ACCOUNTANCY		
HALF YEARLY EXAM		FINAL EXAM
Ch 1: Introduction to Accounting (Unit Test I) Ch 2: Basic Accounting Terms (Unit Test I) Ch 3: Theory Base of Accounting, Accounting Standards and Indian Accounting Standards (Unit Test I) Ch 4: Bases of Accounting (Unit Test I) Ch 5: Accounting Equation Ch 6: Accounting Procedures – Rules of Debit & Credit Ch 7: Origin of transactions – Source Documents & Preparation of Vouchers Ch 8: Journal Ch 9: Ledger Ch 10: Special purpose Books I – Cash Book Ch 11: Special purpose Books II – Other Books Ch 12: Accounting for Goods and Services Tax (GST) Ch 14: Trial Balance		Ch 13: Bank Reconciliation Statement (Unit Test II) Ch 15: Depreciation (Unit Test II) Ch 16: Provisions and Reserves (Unit Test II) Ch 17: Rectification of Errors (Unit Test II) Ch 18: Financial Statements of Sole proprietorship Ch 19: Adjustments in Preparation of Financial Statements Ch 20: Accounts from Incomplete Records  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>
<div>Course Structure</div> <div>Theory: 80 Marks Project: 20 Marks</div> <div>3 Hours</div>		
Units		Marks
Part A: Financial Accounting-I		
	Unit-1: Theoretical Framework	12
	Unit-2: Accounting Process	44
Part B: Financial Accounting-II		
	Unit-3: Financial Statements of Sole Proprietorship	24
Part C: Project Work		20
<div>Project Work</div> <div>Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram.</div> <div>Half Yearly Exam Project work - 20 marks Final Exam Project work - 20 marks</div>		

**SUBJECT: BUSINESS STUDIES****HALF YEARLY EXAM****FINAL EXAM****Part A: Foundations of Business**

1. Evolution and Fundamentals of Business (Unit Test I)
2. Forms of Business Organisations (Unit Test I)
3. Public, Private and Global Enterprises
4. Business Services
5. Emerging Modes of Business

Project Work

**Part B: Finance and Trade**

6. Social Responsibility of Business and Business Ethics
7. Sources of Business Finance (Unit Test II)
8. Small Business and Enterprises (Unit Test II)
9. Internal Trade
10. International Trade

Project Work

**Note :- Full course of Half Yearly Exam will be included in Final Exam.**

**Course Structure****Theory: 80 Marks****3 Hours****Project: 20 Marks**

Units		Marks
<b>Part A</b>	<b>Foundations of Business</b>	
1	Nature and Purpose of Business	16
2	Forms of Business Organisations	
3	Public, Private and Global Enterprises	14
4	Business Services	
5	Emerging Modes of Business	10
6	Social Responsibility of Business and Business Ethics	
	<b>Total</b>	<b>40</b>
<b>Part B</b>	<b>Finance and Trade</b>	
7	Sources of Business Finance	20
8	Small Business	
9	Internal Trade	20
10	International Business	
	<b>Total</b>	<b>40</b>
	<b>Project Work (One)</b>	<b>20</b>

**Project Work**

Choose any one topic from the following :

**I. Project One: Field Visit**

1. Visit to a Handicraft unit.
2. Visit to an Industry.
3. Visit to a Whole sale market (vegetables, fruits, flowers, grains, garments, etc.)
4. Visit to a Departmental store.
5. Visit to a Mall.

**1. Visit to a Handicraft Unit**

The purpose of visiting a Handicraft unit is to understand nature and scope of its business, stake holders involved and other aspects as outlined below

- a) The raw material and the processes used in the business: People /parties/firms from which they obtain their raw material.
- b) The market, the buyers, the middlemen, and the areas covered.
- c) The countries to which exports are made.
- d) Mode of payment to workers, suppliers etc.
- e) Working conditions.
- f) Modernization of the process over a period of time.
- g) Facilities, security and training for the staff and workers.
- h) Subsidies available/ availed.
- i) Any other aspect that the teachers deem fit.

**2. Visit to an Industry.**

The students are required to observe the following:

- a) Nature of the business organisation.
- b) Determinants for location of business unit.
- c) Form of business enterprise: Sole Proprietorship, Partnership, Undivided Hindu Family, Joint Stock Company (a Multinational Company).
- d) Different stages of production/process

- e) Auxiliaries involved in the process.
- f) Workers employed, method of wage payment, training programmes and facilities available.
- g) Social responsibilities discharged towards workers, investors, society, environment and government.
- h) Levels of management.
- i) Code of conduct for employers and employees.
- j) Capital structure employed- borrowed v/s owned.
- k) Quality control, recycling of defective goods.
- l) Subsidies available/availed.
- m) Safety Measures employed.
- n) Working conditions for labour in observation of Labour Laws.
- o) Storage of raw material and finished goods.
- p) Transport management for employees, raw material and finished goods.
- q) Functioning of various departments and coordination among them (Production, Human Resource, Finance and Marketing)
- r) Waste Management.
- s) Any other observation.

3. Visit to a whole sale market: vegetables/fruits/flowers/grains/garments etc.

The students are required to observe the following:

- a) Sources of merchandise.
- b) Local market practices.
- c) Any linked up businesses like transporters, packagers, money lenders, agents, etc.
- d) Nature of the goods dealt in.
- e) Types of buyers and sellers.
- f) Mode of the goods dispersed, minimum quantity sold, types of packaging employed.
- g) Factors determining the price fluctuations.
- h) Seasonal factors (if any) affecting the business.
- i) Weekly/ monthly non-working days.
- j) Strikes, if any- causes thereof.
- k) Mode of payments.
- l) Wastage and disposal of dead stock.
- m) Nature of price fluctuations, reason thereof.
- n) Warehousing facilities available\availed.
- o) Any other aspect.

4. Visit to a Departmental store

The students are required to observe the following:

- a) Different departments and their lay out.
- b) Nature of products offered for sale.
- c) Display of fresh arrivals.
- d) Promotional campaigns.
- e) Spaces and advertisements.
- f) Assistance by Sales Personnel.
- g) Billing counter at store – Cash, Credit Card/ Debit Card, swipe facility. Added attractions and facilities at the counter.
- h) Additional facilities offered to customers
- i) Any other relevant aspect.

5. Visit to a Mall.

The students are required to observe the following:

- a) Number of floors, shops occupied and unoccupied.
- b) Nature of shops, their ownership status
- c) Nature of goods dealt in: local brands, international brands,
- d) Service business shops- Spas, gym, saloons etc.
- e) Rented spaces, owned spaces,
- f) Different types of promotional schemes.
- g) Most visited shops.
- h) Special attractions of the Mall- Food court, Gaming zone or Cinema etc.
- i) Innovative facilities.
- j) Parking facilities. Teachers may add more to the list.

II. Project Two: Aids to Trade

Taking any one AID TO TRADE, for example Insurance and gathering information on following aspects

- 1. History of Insurance Lloyd's contribution.
- 2. Development of regulatory Mechanism.
- 3. Insurance Companies in India
- 4. Principles of Insurance.
- 5. Types of Insurance. Importance of insurance to the businessmen.

6. Benefits of crop, orchards, animal and poultry insurance to the farmers.
7. Terminologies used (premium, face value, market value, maturity value, surrender value) and their meanings.
8. Anecdotes and interesting cases of insurance. Reference of films depicting people committing fraudulent acts with insurance companies.
9. Careers in Insurance.

### **ASSESSMENT**

The marks will be allocated under the following heads:

1	Initiative, cooperativeness and participation	2 Mark
2	Creativity in presentation	2 Mark
3	Content, observation and research work	4 Marks
4	Analysis of situations	4 Marks
5	Viva	8 Marks
	<b>Total</b>	<b>20 Marks</b>

SUBJECT: ECONOMICS	
HALF YEARLY EXAM	FINAL EXAM
<b><u>PART-A (Statistics for Economics)</u></b> Unit 1 : Introduction (Unit Test I) Unit 2 : Collection, Organisation and Presentation of Data  <b><u>PART-B (Introductory Microeconomics)</u></b> Unit 4 : Introduction (Unit Test I) Unit 5 : Consumer's Equilibrium and Demand  Project Work	<b><u>PART-A (Statistics for Economics)</u></b> Unit 3 : Statistical Tools and Interpretation (Unit Test II)  <b><u>PART-B (Introductory Microeconomics)</u></b> Unit 6 : Producer Behaviour and Supply (Unit Test II) Unit 7 : Forms of Market and Price Determination under perfect competition with simple applications  Project Work  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

### COURSE STRUCTURE

Theory: 80 Marks

3 Hours

Project: 20 Marks

Units		Marks
<b>Part A</b>	<b>Statistics for Economics</b>	
	Introduction	15
	Collection, Organisation and Presentation of Data	
	Statistical Tools and Interpretation	25
		<b>40</b>
<b>Part B</b>	<b>Introductory Microeconomics</b>	
	Introduction	04
	Consumer's Equilibrium and Demand	14
	Producer Behaviour and Supply	14
	Forms of Market and Price Determination under perfect competition with simple applications	08
		<b>40</b>
<b>Part C</b>	<b>Project Work</b>	<b>20</b>

### PRACTICAL

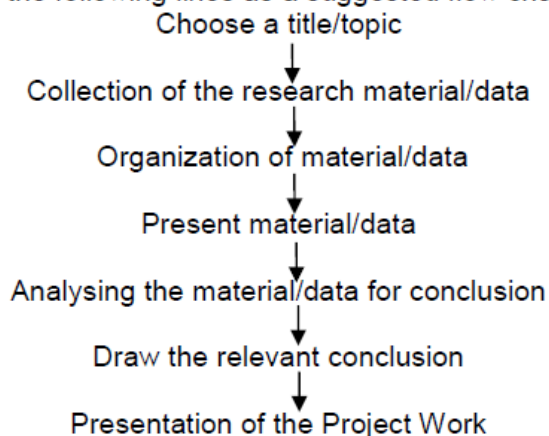
Half Yearly Exam Project work – 20 marks (File 12 marks and Viva 8 marks)

Final Exam Project work – 20 marks (File 12 marks and Viva 8 marks)

### Guidelines of Project Work

#### **Scope of the project:**

Learners may work upon the following lines as a suggested flow chart:



**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

**Suggestive List of Projects:**

Class XI	
<ul style="list-style-type: none"> <li>Effect on PPC due to various government policies</li> </ul>	<ul style="list-style-type: none"> <li>Invisible Hand (Adam Smith)</li> </ul>
<ul style="list-style-type: none"> <li>Opportunity Cost as an Economic Tool (taking real life situations)</li> </ul>	<ul style="list-style-type: none"> <li>Effect of Price Change on a Substitute Good (taking prices from real life visiting local market)</li> </ul>
<ul style="list-style-type: none"> <li>Effect on equilibrium Prices in Local Market (taking real life situation or recent news)</li> </ul>	<ul style="list-style-type: none"> <li>Effect of Price Change on a Complementary Good (taking prices from real life visiting local market)</li> </ul>
<ul style="list-style-type: none"> <li>Solar Energy, a Cost Effective Comparison with Conventional Energy Sources</li> </ul>	<ul style="list-style-type: none"> <li>Bumper Production- Boon or Bane for the Farmer</li> </ul>
<ul style="list-style-type: none"> <li>Any other newspaper article and its evaluation on basis of economic principles</li> </ul>	<ul style="list-style-type: none"> <li><b>Any other topic</b></li> </ul>

SUBJECT: ENTREPRENEURSHIP		
HALF YEARLY EXAM		FINAL EXAM
Unit-1: Entrepreneurship – Concept & Functions (Unit Test I) Unit-2 : An Entrepreneur (Unit Test I) Unit-3: Entrepreneurship Journey Unit-4 : Entrepreneurship as Innovation & Problem Solving Project Work		Unit-5 : Understanding the Market (Unit Test II) Unit-6 : Business Finance and Arithmetic (Unit Test II) Unit-7 : Resource Mobilization Project Work <b>Note: - Full course of Half Yearly Exam will be included in Final Exam.</b>
COURSE STRUCTURE		
Theory Paper		
Time: 3 Hours		Maximum marks: 70
S. No.	Unit	Marks
Unit 1	Entrepreneurship: Concept and Functions	15
Unit 2	An Entrepreneur	
Unit 3	Entrepreneurial Journey	20
Unit 4	Entrepreneurship as Innovation and Problem Solving	
Unit 5	Understanding the Market	15
Unit 6	Business Finance and Arithmetic	20
Unit 7	Resource Mobilization	
	<b>PROJECT WORK</b>	<b>30</b>
	<b>Total</b>	<b>100</b>
PROJECT WORK		
Students have to do TWO projects in the entire academic session.		
Assessment details for the project work:		
<ul style="list-style-type: none"> <li>10 Marks each for 02 Projects</li> <li>5 Marks for Numerical Assessment</li> <li>5 marks for Viva Voce</li> </ul>		
TOPICS FOR THE PROJECT:		
1. Visit of the District Industries Centre and prepare a report of activities and programs undertaken by them 2. Conduct a case study of any entrepreneurial venture in your nearby area. 3. Field Visit: Visit any business firm near your locality; interact with the owner of the business firm and prepare a field report on parameters like: type of business, scale of business, product/service dealing in, target customer, problems faced and measures to solve the faced challenges. 4. Learn to Earn 5. Know your State Handicraft and Handlooms as a means of economic activity for the livelihood of people and intellectual property rights attached to them for the promotion of local specific skills.		
PRACTICAL		
Half Yearly Exam - Project Work 30 marks		
Final Exam - Project Work 30 marks		



<b>SUBJECT: PHYSICAL EDUCATION</b>													
<b>HALF YEARLY EXAM</b>	<b>FINAL EXAM</b>												
Unit I : Changing Trends and Career in Physical Education (Unit Test I) Unit II : Olympic Value Education (Unit Test I) Unit III : Yoga (Unit Test I) Unit IV : Physical Education & Sports for CWSN (Children with Special Needs) Unit V : Physical Fitness, Wellness and Lifestyle	Unit VI : Test, Measurement & Evaluation (Unit Test II) Unit VII : Fundamentals of Anatomy, Physiology in Sports Unit VIII : Fundamentals of Kinesiology and Biomechanics in Sports Unit IX : Psychology and Sports (Unit Test II) Unit X : Training and Doping in Sports (Unit Test II)  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>												
<p style="text-align: center;"><b>PRACTICAL</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th><th style="width: 20%; text-align: right;">Max. Marks 30</th></tr> </thead> <tbody> <tr> <td>01. Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)*</td><td style="text-align: right;">6 Marks</td></tr> <tr> <td>02. Proficiency in Games and Sports (Skill of any one IOA recognised Sport/Game of Choice)**</td><td style="text-align: right;">7 Marks</td></tr> <tr> <td>03. Yogic Practices</td><td style="text-align: right;">7 Marks</td></tr> <tr> <td>04. Record File ***</td><td style="text-align: right;">5 Marks</td></tr> <tr> <td>05. Viva Voce (Health/ Games &amp; Sports/ Yoga)</td><td style="text-align: right;">5 Marks</td></tr> </tbody> </table> <p>* Test for CWSN (any 4 items out of 27 items. One item from each component: Aerobic Function, Body Composition, Muscular strength &amp; Endurance, Range of Motion or Flexibility)</p> <p>**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.</p> <p>***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’</p> <p>***Record File shall include:</p> <ul style="list-style-type: none"> <li>❖ Practical-1: Labelled diagram of 400 M Track &amp; Field with computations.</li> <li>❖ Practical-2: Describe Changing Trends in Sports &amp; Games in terms of changes in Playing surface, Wearable gears, Equipment, Technological advancements.</li> <li>❖ Practical-3: Labelled diagram of field &amp; equipment of any one IOA recognised Sport/Game of choice.</li> </ul>			Max. Marks 30	01. Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)*	6 Marks	02. Proficiency in Games and Sports (Skill of any one IOA recognised Sport/Game of Choice)**	7 Marks	03. Yogic Practices	7 Marks	04. Record File ***	5 Marks	05. Viva Voce (Health/ Games & Sports/ Yoga)	5 Marks
	Max. Marks 30												
01. Physical Fitness Test: SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)*	6 Marks												
02. Proficiency in Games and Sports (Skill of any one IOA recognised Sport/Game of Choice)**	7 Marks												
03. Yogic Practices	7 Marks												
04. Record File ***	5 Marks												
05. Viva Voce (Health/ Games & Sports/ Yoga)	5 Marks												

**SUBJECT : INFORMATICS PRACTICES****HALF YEARLY EXAM****FINAL EXAM****Unit 1 - Introduction to Computer System**

Ch. 1 Computer System

**Unit 2 - Introduction to Python**

Ch. 3 Brief overview of python

Ch. 4 Working with lists and dictionaries

**Unit 3 - Database Concepts and Introduction to SQL**

Ch. 7 Database Concepts (Unit Test I)

Ch. 8 Introduction to Structured Query Language (SQL) (Unit Test I)

**Unit 2 - Introduction to Python**

Ch. 5 Understanding Data (Unit Test II)

Ch. 6 Introduction to NumPy (Unit Test II)

**Unit 4 - Introduction to the emerging Trends**

Ch. 2 Emerging Trends

**Note: - Full course of Half Yearly Exam will be included in Final Exam.****COURSE STRUCTURE**

Unit No	Unit Name	Marks
1	Introduction to computer system	10
2	Introduction to Python	25
3	Database concepts and the Structured Query Language	30
4	Introduction to Emerging Trends	5
	Practical	30
	Total	100

**MARKS DISTRIBUTION (PRACTICAL)**

S. No.	Description	Marks
1.	Problem solving using Python programming language	11
2.	Creating database using MySQL and performing Queries	7
3.	Practical file	7
4.	Viva-Voce	5
	Total	30

SUBJECT: PAINTING	
HALF YEARLY EXAM	FINAL EXAM
<p><b><u>Theory</u></b>  <b>UNIT-I</b>  <b>(A) Elements of Art and Principles of design (Unit Test I)</b>  <b>(B) Pre-historic Rock Painting (Unit Test I)</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Period and Location</li> <li>• Study and appreciation of following pre-historic painting: Wizard's Dance, Bhimbethaka</li> <li>• Extension: In about 1500 miles. Harappa &amp; Mohenjodaro (Now in Pakistan) Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India)</li> </ul> <p><b>(C) Introduction to Art of Indus Valley (Unit Test I)</b></p> <ol style="list-style-type: none"> <li>Period and location</li> <li>Study of the following sculptures and terracottas</li> </ol> <ol style="list-style-type: none"> <li>Dancing Girl</li> <li>Male Torso</li> <li>Mother Goddess</li> <li>Bull Seal</li> <li>Decoration on earthen – ware</li> </ol> <p><b>Buddhist, Jain and Hindu Art (3<sup>rd</sup> century B.C. to 8<sup>th</sup> century A.D.)</b>  <b>(D) General Introduction and understanding of Art during</b></p> <ul style="list-style-type: none"> <li>• 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:</li> <li>• Kushana Period: evolution and mutation of Gandhara, Mathura</li> <li>• Gupta Period: Amalgamation of Gandhara, Mathura into Gupta Style</li> <li>• Study and appreciation of following Sculptures : <ol style="list-style-type: none"> <li>Lion Capital Sarnath</li> <li>Chauri Bearer from Didar Ganj</li> <li>Seated Buddha from Katra Tila Mathura</li> <li>Jain Tirathankara</li> </ol> </li> </ul> <p><b>(E) Introduction to Ajanta</b></p> <ul style="list-style-type: none"> <li>• Period and location : 5<sup>th</sup> Century CE</li> <li>• No of caves:30</li> <li>• Chaitya Caves: 5(9,10,19,26,29)</li> <li>• Vihara Caves: 25</li> <li>• Subject matter- Buddha meditating, Bodhisattva Padmapani</li> <li>• Techniques: Rock cut Architecture, sculpture, fresco painting</li> </ul> <p><b><u>Practical</u></b>  <b>(i) Nature and Object Study (Observation based)</b>  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 used. Geometrical forms of objects like cubes, cones, prisms, cylinders and spheres should be used.</p>	<p><b><u>Theory</u></b>  <b>UNIT-II</b>  <b>Temple Sculpture, Bronzes and Artistic Aspects of Indo-Islamic Architecture</b>  <b>(A) Artistic aspects of Indian Temple sculpture Period: 6<sup>th</sup> Century CE to 13<sup>th</sup> Century CE (Unit Test II)</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>Study and Appreciation of Notable Temple Sculptures: <ol style="list-style-type: none"> <li>Trimurti</li> <li>Lakshmi Narayan Temple</li> <li>Descent of Ganga</li> <li>Cymbal Player, Sun Temple</li> <li>Mother and Child (Mount Abu) white marble</li> </ol> </li> </ol> <p><b>(B) Bronzes (South Indian Bronzes)</b></p> <ol style="list-style-type: none"> <li>Introduction to Indian Bronzes.</li> <li>Method of casting (solid and hollow)</li> <li>Study and appreciation of following South Indian Bronze: Nataraj</li> </ol> <p><b>(C) Artistic Aspects of the Indo-Islamic Architecture</b></p> <ol style="list-style-type: none"> <li>Introduction</li> <li>Study and appreciation of following architecture: <ol style="list-style-type: none"> <li>Qutub Minar, Delhi</li> <li>Gol Gumbaj, Bijapur</li> </ol> </li> </ol> <p><b><u>Practical</u></b>  <b>(i) Nature and Object Study</b>  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 used. Geometrical forms of objects like cubes, cones, prisms, cylinders and spheres should be used.</p> <p><b>(ii) Painting Composition</b></p> <ol style="list-style-type: none"> <li>Simple exercises of basic design in variation of geometric and rhythmic shapes in geometrical and decorative designs and colours to understand designs as organised visual arrangements.</li> <li>Sketches from life and nature</li> </ol> <p><b>(iii) Indian Folk Art</b></p> <p><b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b></p>

**(ii) Painting Composition**

- (a) Simple exercises of basic design in variation of geometric and rhythmic shapes in geometrical and decorative designs and colours to understand designs as organised visual arrangements.
- (b) Sketches from life and nature

**(iii) Portfolio Assessment**

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

**THEORY****One Theory Paper****30 Marks****Unit wise Weightage****Time: 2 Hours**

Units		Marks
<b>History of Indian Art</b>		
1(a)	Fundamentals of Visual Art (Elements and Principles)	10
(b)	Pre-Historic Rock-Paintings and Art of Indus Valley	
2	Buddhist, Jain and Hindu Art	10
3	Temple Sculptures, Bronzes and artistic aspects of Indo- Islamic Architecture	10
		<b>30</b>

**PRACTICAL****One Practical Paper****70 Marks****Time: 6 Hours (3+3)****Unit wise Weightage**

Units		Marks
1	Nature and Object Study	25
2	Painting Composition	25
3	Portfolio Assessment	20
	Total	<b>70</b>

SUBJECT: COMMERCIAL ART	
HALF YEARLY EXAM	FINAL EXAM
<p><b>Theory</b>  <b>UNIT-I</b>  <b>(A) Elements of Art and Principles of design (Unit Test I)</b>  <b>(B) Pre-historic Rock Painting (Unit Test I)</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Period and Location</li> <li>• Study and appreciation of following pre-historic painting: Wizar's Dance, Bhimbethaka</li> <li>• Extension: In about 1500 miles. Harappa &amp; Mohenjodaro (Now in Pakistan) Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan, Banawali and Dholavira (in India)</li> </ul> <p><b>(C) Introduction to Art of Indus Valley (Unit Test I)</b></p> <ol style="list-style-type: none"> <li>Period and location</li> <li>Study of the following sculptures and terracottas</li> <li>Dancing Girl</li> <li>Male Torso</li> <li>Mother Goddess</li> <li>Bull Seal</li> <li>Decoration on earthen – ware</li> </ol> <p><b>Buddhist, Jain and Hindu Art (3<sup>rd</sup> century B.C. to 8<sup>th</sup> century A.D.)</b>  <b>(D) General Introduction and understanding of Art during</b></p> <ul style="list-style-type: none"> <li>• 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:</li> <li>• Kushana Period: evolution and mutation of Gandhara, Mathura</li> <li>• Gupta Period: Amalgamation of Gandhara, Mathura into Gupta Style</li> <li>• Study and appreciation of following Sculptures : <ol style="list-style-type: none"> <li>Lion Capital Sarnath</li> <li>Chauri Bearer from Didar Ganj</li> <li>Seated Buddha from Katra Tila Mathura</li> <li>Jain Tirathankara</li> </ol> </li> </ul> <p><b>(E) Introduction to Ajanta</b></p> <ul style="list-style-type: none"> <li>• Period and location : 5<sup>th</sup> Century CE</li> <li>• No of caves:30</li> <li>• Chaitya Caves: 5(9,10,19,26,29)</li> <li>• Vihara Caves: 25</li> <li>• Subject matter- Buddha meditating, Bodhisattva Padmapani</li> <li>• Techniques: Rock cut Architecture, sculpture, fresco painting</li> </ul> <p><b>Practical</b>  (i) Drawing  Drawing from Still-Life and Nature, medium-pencil monochrome/colour.  (ii) (a) Lettering  Study of lettering of Roman and Devnagri Scripts identification of some type-faces and their sizes  (b) Layout</p>	<p><b>Theory</b>  <b>UNIT-II</b>  <b>Temple Sculpture, Bronzes and Artistic Aspects of Indo-Islamic Architecture</b>  <b>(A) Artistic aspects of Indian Temple sculpture Period: 6<sup>th</sup> Century CE to 13<sup>th</sup> Century CE (Unit Test II)</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>Study and Appreciation of Notable Temple Sculptures: <ol style="list-style-type: none"> <li>Trimurti</li> <li>Lakshmi Narayan Temple</li> <li>Descent of Ganga</li> <li>Cymbal Player, Sun Temple</li> <li>Mother and Child (Mount Abu) white marble</li> </ol> </li> </ol> <p><b>(B) Bronzes (South Indian Bronzes)</b></p> <ol style="list-style-type: none"> <li>Introduction to Indian Bronzes.</li> <li>Method of casting (solid and hollow)</li> <li>Study and appreciation of following South Indian Bronze: Nataraj</li> </ol> <p><b>(C) Artistic Aspects of the Indo-Islamic Architecture</b></p> <ol style="list-style-type: none"> <li>Introduction</li> <li>Study and appreciation of following architecture: <ol style="list-style-type: none"> <li>Qutub Minar, Delhi</li> <li>Gol Gumbaj, Bijapur</li> </ol> </li> </ol> <p><b>Practical</b>  <b>(iv) Nature and Object Study</b>  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 used. Geometrical forms of objects like cubes, cones, prisms, cylinders and spheres should be used.  <b>(v) Painting Composition</b>  <ol style="list-style-type: none"> <li>Simple exercises of basic design in variation of geometric and rhythmic shapes in geometrical and decorative designs and colours to understand designs as organised visual arrangements.</li> <li>Sketches from life and nature</li> </ol> <b>(vi) Indian Folk Art</b></p> <p><b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b></p>

<p>Making a simple layout with lettering as the main component.</p> <p>(iii) Portfolio Assessment</p> <p>(a) Record of entire year's performance from sketch to finished product</p> <p>(b) Four selected drawings in any media done during the year</p> <p>(c) Two selected works in chosen subject done during the year.</p> <p>(d) Two selected works based on Indian Folk Art</p>	
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<div> <div>THEORY</div> <div> <div>One Theory Paper</div> <div>Unit wise Weightage</div> </div> <div> <div>30 Marks</div> <div>Time: 2 Hours</div> </div> </div>		
Units		Marks
History of Indian Art		
1(a)	Fundamentals of Visual Art (Elements and Principles)	10
(b)	Pre-Historic Rock-Paintings and Art of Indus Valley	
2	Buddhist, Jain and Hindu Art	10
3	Temple Sculptures, Bronzes and artistic aspects of Indo- Islamic Architecture	10
		30
<div> <div>PRACTICAL</div> <div> <div>One Practical Paper</div> <div>Unit wise Weightage</div> </div> <div> <div>70 Marks</div> <div>Time: 6 Hours (3+3)</div> </div> </div>		
Units		Marks
1	Drawing	25
2	Lettering and layout	25
3	Portfolio Assessment	20
		70

**SUBJECT: PSYCHOLOGY**

Half Yearly Exam	FINAL EXAM
<b><u>Theory</u></b> Unit 1: What is Psychology? (Unit Test I) Unit 3: Human Development Unit 4: Sensory, Attentional and Perceptual Processes Unit 8 : Motivation and Emotion (Unit Test I)	<b><u>Theory</u></b> Unit 2: Methods of Enquiry in Psychology (Unit Test II) Unit 5: Learning (Unit Test II) Unit 6: Human Memory Unit 7 : Thinking
<b><u>Practical Examination</u></b> 1. Project File 2. Viva Voce (Project and Experiments)	<b><u>Practical Examination</u></b> 1. Project File 2. Practical (Experiments) file 3. Span of Attention 4. Practical (Experiments) file 5. Learning 6. Memory 7. Motivation 8. Perception 9. Span of Attention (any two experiments) 10. Viva Voce (Project and Experiments) 11. One experiment  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

**COURSE STRUCTURE****Theory Paper****3 hours  
Marks: 70**

Units	Topics	Marks
I	What is Psychology?	11
II	Methods of Enquiry in Psychology	13
IV	Human Development	11
V	Sensory, Attentional and Perceptual Processes	8
VI	Learning	9
VII	Human Memory	8
VIII	Thinking	5
IX	Motivation and Emotion	5
	<b>Total</b>	<b>70</b>

**Practical Examination**

• Practical (Experiments) file	05 Marks
• Project File	05 Marks
• Viva Voce (Project and experiments)	05 Marks
• One experiment (05 marks for conduct of experiment and 10 marks for reporting)	15 Marks
<b>Total</b>	<b>30 Marks</b>

<b>SUBJECT: LEGAL STUDIES</b>	
<b>HALF YEARLY EXAM</b>	<b>FINAL EXAM</b>
Unit 1 : Introduction to Political Institutions Ch. 1 Concept of State (Unit Test I) Ch. 2 Forms and Organs of Government (Unit Test I) Ch. 3 Separation of Powers (Unit Test I) Unit 2 : Basic Features of The Constitution of India Ch. 1 Salient Features of the Constitution of India (Unit Test I) Ch. 2 Administrative Law (Unit Test I) Unit 3 : Jurisprudence, Nature and Sources of Laws Ch. 1 Jurisprudence, Nature and Meaning of Law (Unit Test II) Ch. 2 Classification of Laws (Unit Test II)  Project Work	Unit 3 : Jurisprudence, Nature and Sources of Laws Ch. 3 Sources of Laws (Unit Test II) Ch. 4 Law Reform (Unit Test II) Ch. 5 Cyber Laws, Safety and Security in India (Unit Test II) Unit 4 : Judiciary : Constitutional, Civil And Criminal Courts And Processes Unit 5 : Family Justice System Ch. 1 Institutional Framework- Marriage and Divorce Ch. 2 Child Rights Ch. 3 Adoption Ch. 4 Property, Succession and Inheritance Ch. 5 Prevention of Violence against Women  Project Work  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

### COURSE STRUCTURE

**Time: 3 Hours**

**Marks: 80**

<b>S. No.</b>	<b>Units</b>	<b>Marks</b>
1	Introduction to Political Institutions	15
2	Basic Features of The Constitution of India	15
3	Jurisprudence, Nature and Sources of Laws	15
4	Judiciary : Constitutional, Civil And Criminal Courts And Processes	20
5	Family Justice System	15
6	Project	20
	Total	100

### PROJECT GUIDELINES

Students can opt for any ONE Project from the three topics given.

Topic 1: Students can prepare a research paper on any legal problem from the textbook/around them that needs immediate redressal.

Some suggested topics-

- Uniform civil code
- Law reforms in India
- Juvenile justice
- Death penalty
- Any other course related topic

OR

Topic 2- Conduct research and draft a report on any recent legislation/ amendment that brought about a social change, for example: Consumer Protection Act, Information Technology Act, Right to Information Act etc.

To conduct research students can examine the conditions that give rise to the need for law reform; the agencies of reform; mechanisms of reform; assess the effectiveness of law reform in achieving just outcomes with regards to the issue

#### METHODOLOGY FOR TOPIC 1 & 2-

The project file should be at least 15 pages.

Steps:-

- Choose a topic
- Gather information from various sources
- Write a statement of purpose of the project
- Support it with research evidence
- Presentation of project should include headings
- List the sources

OR



Topic 3 - 'Understanding the important elements of JUDICIAL DECISION '

**METHODOLOGY-**

1) The student is required to select any 5 decided cases where in One case is of criminal nature, one is civil nature, one is constitutional, one is related to international law and one is of student's choice (PIL if possible)

2) The research on the cases must include the following points:

- a. Name of the case
- b. Parties to the case
- c. Nature of the case (Civil, Criminal or Constitutional)
- d. Facts of the case and issues involved
- e. Decision of the case
- f. Citation of the case

**INTERNAL ASSESSMENT**

A Project based internal assessment of twenty marks will be done as indicated above.

SUBJECT: POLITICAL SCIENCE	
HALF YEARLY EXAM	FINAL EXAM
<b>Part A: Indian Constitution at work</b> Ch. 1 Constitution: Why and How? (Unit Test I) Ch. 2 Rights in the Indian Constitution (Unit Test I) Ch. 3 Election and Representation Ch. 4. Executive  <b>Part B: Political Theory</b> Ch. 1 Political Theory: An Introduction (Unit Test I) Ch. 2 Freedom (Unit Test I) Ch. 3 Equality Ch. 4. Social Justice  Project Work  <b>Practical – File (10 marks) and Viva (10 marks)</b>	<b>Part A: Indian Constitution at work</b> Ch. 5 Legislature (Unit Test II) Ch. 6 Judiciary (Unit Test II) Ch. 7 Federalism Ch. 8 Local Governments Ch. 9 Constitution as a Living Document Ch. 10 The Philosophy of the Constitution  <b>Part B: Political Theory</b> Ch. 5 Rights (Unit Test II) Ch. 6 Citizenship (Unit Test II) Ch. 7 Nationalism Ch. 8 Secularism  Project Work  <b>Practical – File (10 marks) and Viva (10 marks)</b>  <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

### COURSE STRUCTURE

Chapter No.	Chapter Name	Marks Allotted
<b>PART A- INDIAN CONSTITUTION AT WORK</b>		
1	Constitution: Why and How?	8
2	Rights in the Indian Constitution	
3	Election and Representation	6
4	Executive	12
5	Legislature	
6	Judiciary	
7	Federalism	6
8	Local Governments	4
9	Constitution as a Living Document	4
10	The Philosophy of the Constitution	
	<b>Total</b>	<b>40</b>
<b>PART B-POLITICAL THEORY</b>		
1	Political Theory: An Introduction	4
2	Freedom	12
3	Equality	
4	Social Justice	6
5	Rights	4
6	Citizenship	8
7	Nationalism	
8	Secularism	6
	<b>Total</b>	<b>40</b>

### **Guidelines for Project Work**

1. The Project work will be implemented for 20 Marks.
2. Out of 20 marks, 10 marks are to be allotted to viva voce and 10 marks for project work.
3. The project can be individual/pair/group of 4-5 each. The Project can be made on the topics given in the syllabus of a particular class.
4. The suggestive list of activities for project work is as follows: -  
Role Play, Skit, Presentation, Model, Field Survey, Mock Drills/Mock Event etc.

#### **Suggested Topics**

1. Making of the Constitution.
2. Elections in India.
3. Working of the Indian Judiciary System.
4. Social Justice: Are ethics followed in Indian Politics
5. Human Rights Act and its gratification in India.
6. Political impact on Indian Legislation.

SUBJECT: HISTORY	
HALF YEARLY EXAM	FINAL EXAM
Theme 1. Writing and City Life (Unit Test I) Theme 2. An Empire Across Three Continents (Unit Test I) Theme 3. Nomadic Empires  Map Work	Theme 4. Three Orders (Unit Test II) Theme 5. Changing Cultural Traditions Theme 6. Displacing Indigenous People Theme 7. Paths to Modernization  Map Work  <b>Note: Full course of Half Yearly Exam will be included in Final Exam.</b>

### COURSE STRUCTURE

#### Theory Paper

**80 Marks**

3 Hours

S.No.	THEMES	Marks
1.	Introduction to World History	
<b>Section A: Early Societies</b>		
2.	Introduction	
3.	Writing and City Life	10
<b>Section B: Empires</b>		
4.	Introduction	
5.	An empire across three continents	10
6.	Nomadic Empires	10
<b>Section C: Changing Traditions Introduction</b>		
7.	The Three Orders	10
8.	Changing Cultural Traditions	10
<b>Section D: Paths to Modernization</b>		
9.	Introduction	
10.	Displacing Indigenous People	10
11.	Paths To Modernization	15
	Map Work of The Related Themes	5
	<b>Total</b>	80
	<b>Project work</b>	20
	<b>Total</b>	<b>100 Marks</b>

### QUESTION PAPER DESIGN

Section	Theme	MCQ mm-1	SA mm-3	LA mm-8	Source based mm-4	Total
I EARLY SOCIETIES	Theme 1	3	1	0	1	10
II EMPIRES	Theme 2 Theme 3	4	0	2	0	20
III CHANGING TRADITIONS	Theme 4 Theme 5	6	2	0	2	20
IV TOWARDS MODERNISATION	Theme 6 Theme 7	8	3	1	0	25
MAP						05
TOTAL		21x1=21	6x3=18	8x3=24	4x3=12	80

### FEW SUGGESTIVE TOPICS FOR PROJECTS

1. Facets of the Industrialization in sixteenth- eighteenth centuries.
2. Crusades: causes; rationale; events; outcomes; Holy Alliance
3. Ancient History in depth: Mesopotamia
4. Greek Philosophy and City States
5. Contributions of Roman Civilization
6. The spirit of Renaissance: Manifestation in art; Literature; Sculpture; Influence on Trading Community; Social Fabric; Philosophy; Political Values; Rational Thinking; Existentialism
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

**Practical – File (10 marks) and Viva (10 marks)**

SUBJECT: GEOGRAPHY		
HALF YEARLY EXAM		FINAL EXAM
<b>Part A: Fundamentals of Physical Geography</b> Unit 1: Geography as a Discipline (Unit Test I) Unit 2: The Earth (Unit Test I) Unit 3: Landforms Unit 6: Life on the Earth (Project Work)  <b>Part B: India-Physical Environment</b> Unit 1: Introduction (Unit Test I) Unit 2: Physiography  <b>Part C: Practical Work in Geography Part I</b> Ch.-1: Introduction to Maps Ch.-2: Map Scale Ch.- 3:Latitude & Longitude  Practical Record Book and Viva Voce Viva to be based on Practical Unit I and II only		<b>Part A: Fundamentals of Physical Geography</b> Unit 4: Climate (Project Work) (Unit Test II) Unit 5: Water (Oceans) (Unit Test II)  <b>Part B: India-Physical Environment</b> Unit 3: Climate and Vegetation (Unit Test II) Unit 4: Hazards and Disasters: Causes, Consequences and Management (Project Work)  <b>Part C: Practical Work in Geography Part I</b> Ch.- 4: Map Projections Ch.- 5: Topographical Map Ch.- 6: Introduction to Remote Sensing  Practical Record Book and Viva Voce Viva to be based on Practical Unit I and II only  <b>Note: Full course of Half Yearly Exam will be included in Final Exam.</b>
COURSE STRUCTURE		
<b>One-Theory Paper</b>		<b>80Marks</b> 3 Hours
Part	Units	Marks
<b>A</b>	<b>Fundamentals of Physical Geography</b>	<b>35 Marks</b>
	Unit-1: Geography as a discipline	3
	Unit-2: The Earth	9
	Unit-3: Landforms	6
	Unit-4: Climate	8
	Unit-5: Water (Oceans)	4
	Unit-6: Life on the Earth	-
	Map and diagram	5
<b>B</b>	<b>India-Physical Environment</b>	<b>35 Marks</b>
	Unit-7: Introduction	5
	Unit-8: Physiography	13
	Unit-9: Climate and Natural Vegetation	12
	Unit-10: Natural hazards and disasters	-
	Map and Diagram	5
	<b>Total</b>	<b>70 Marks</b>
<b>C</b>	<b>Practical Work in Geography Part I</b>	
	Ch-1: Introduction to Maps	3
	Ch-2: Map Scale	4
	Ch.- 3:Latitude & Longitude	4
	Ch.- 4: Map Projections	4
	Ch.- 5: Topographical Map	4
	Ch.- 6: Introduction to Remote Sensing	6
	Practical Record Book and Viva	5
<b>Total</b>		<b>30 Marks</b>

SUBJECT : FRENCH	
HALF YEARLY EXAM	FINAL EXAM
<b>Section – A</b> <b>Comprehension/ Reading: (20 marks)</b> <ul style="list-style-type: none"> <li>One passage from the prescribed book</li> <li>One unseen passage (Factual/Descriptive) (Unit Test I) (with a picture/diagrammatically represented data)</li> </ul> <b>Section – B</b> <b>Writing Skills/Compositions: (20 marks)</b> <ul style="list-style-type: none"> <li>Writing a story based on outlines provided (about 120 words) (Unit Test I)</li> <li>Informal letter (about 80 words) (Unit Test I)</li> </ul> <b>Section-C</b> <b>Applied Grammar (25 marks)</b> The following grammar topics will be tested through filling the blanks/ transformation of sentences/ sentence correction (not involving punctuation and spelling) <ul style="list-style-type: none"> <li>Prepositions</li> <li>Interrogative adjectives and pronouns</li> <li>Relative pronouns (simple and composed) (Unit Test I)</li> <li>Personal pronouns (Unit Test I)</li> <li>Tenses (Unit Test I)</li> </ul> <b>Section- D</b> <b>Culture et Civilisation (15 marks)</b> <ul style="list-style-type: none"> <li>Prose (Lessons 1 – 3) (Unit Test I)</li> <li>Prose (Lessons 1 – 6)</li> <li>Fill in the blanks based on general information in the lessons</li> </ul>	<b>Section – A</b> <b>Comprehension/ Reading: (20 marks)</b> <ul style="list-style-type: none"> <li>One passage from the prescribed book</li> <li>One unseen passage (Factual/Descriptive) (Unit Test II) (with a picture/diagrammatically represented data)</li> </ul> <b>Section – B</b> <b>Writing Skills/Compositions: (20 marks)</b> <ul style="list-style-type: none"> <li>Writing a story based on outlines provided (about 120 words) (Unit Test II)</li> <li>Informal letter (about 80 words) (Unit Test II)</li> </ul> <b>Section-C</b> <b>Applied Grammar (25 marks)</b> The following grammar topics will be tested through filling the blanks/ transformation of sentences/ sentence correction (not involving punctuation and spelling) <ul style="list-style-type: none"> <li>Prepositions (Unit Test II)</li> <li>Interrogative adjectives and pronouns (Unit Test II)</li> <li>Relative pronouns (simple and composed) (Unit Test II)</li> <li>Personal pronouns (Unit Test II)</li> <li>Tenses (Unit Test II)</li> </ul> <b>Section- D</b> <b>Culture et Civilization (15 marks)</b> <ul style="list-style-type: none"> <li>Prose (Lessons 7 – 9) (Unit Test II)</li> <li>Prose (Lessons 1 – 12)</li> <li>Fill in the blanks based on general information in the lessons</li> </ul> <b>Note :- Full course of Half Yearly Exam will be included in Final Exam.</b>

## INTERNAL ASSESSMENT

### Internal Assessment 20

It may be divided into two parts

- ASL – 10 marks [(Listening (5 marks) speaking (5marks))]
- Project work – 10 marks

(It may be a power point presentation or an illustrated file) The project may be on one of the following themes:

- A French/ francophone writer
- A Francophone country
- French cuisine
- A French region

## EXAMINATION STRUCTURE

Marks: 80+20

Time: 3 hours

The Question Paper will be divided into four sections:

Section A: Comprehension / Reading	20 Marks
Section B: Writing Skills/ Composition	20 Marks
Section C: Applied Grammar	25 Marks
Section D: Culture	15 Marks

**Section wise weightage:**

Section	Details of Topics/Sections	Type of Questions	Marks
Section A (Understanding)	1 Unseen Prose Passage 1 Seen Passage	<ul style="list-style-type: none"> <li>• True or False</li> <li>• Short answer questions Vocabulary Search: (Fill in the blanks/nouns/verb forms/opposites/synonyms/ language expressions/adjectives/ adverbs)</li> </ul>	10 10
Section B (Creative Writing)	Creative long answers	<ul style="list-style-type: none"> <li>• Story writing based on outline</li> <li>• Informal letter</li> </ul>	10 10
Section C (Application )	Grammar	<ul style="list-style-type: none"> <li>• Prepositions</li> <li>• Interrogative adjectives and pronouns</li> <li>• Relative pronouns (simple and composed)</li> <li>• Personal pronouns</li> <li>• Tenses (excluding the passé simple and passé antérieur)</li> </ul> <p>[These will be tested through filling the blanks/ transformation of sentences/ sentence correction (not involving punctuation and spelling) ]</p>	5 5 5 5 5
Section D (Remembering and analysing)	Culture (Lessons 1- 12)	<ul style="list-style-type: none"> <li>• Short answers based on the prescribed chapters from the textbook</li> <li>• Fill in the blanks based on general information in the lessons</li> </ul>	10  5

**Section A Comprehension/ Reading: (20 marks)**

- One passage from the prescribed book 10
- One unseen passage (Factual/Descriptive) 10  
(with a picture/diagrammatically represented data)

**Section B Writing Skills/Compositions: (20 marks)**

- Writing a story based on outlines provided (about 120 words) 10
- Informal letter (about 80 words) 10

**Section C Applied Grammar (25 marks)**

The following grammar topics will be tested through filling the blanks/ transformation of sentences/ sentence correction (not involving punctuation and spelling)

- Prepositions
- Interrogative adjectives and pronouns
- Relative pronouns (simple and composed)
- Personal pronouns
- Tenses (excluding the passé simple and passé antérieur)

**Section D Culture (15 marks)**

- Prose (Lessons 1 – 12) 5x 2 = 10
- Fill in the blanks based on general information in the lessons 5 x 1 = 5

<b>SUBJECT: DESIGN THINKING AND INNOVATION</b>	
<b>HALF YEARLY EXAM</b>	<b>FINAL EXAM</b>
<b>PART A : EMPLOYABILITY SKILLS</b> Unit 1: Communication Skills – III Unit 2: Self-Management Skills – III Unit 3: ICT Skills – III  <b>PART B : SUBJECT SPECIFIC SKILLS</b> Unit 1: Fundamentals of Publication / Communication Design Unit 2: Fundamentals of Moving Images Unit 3: Fundamentals of Information Design  Project Work	<b>PART A : EMPLOYABILITY SKILLS</b> Unit 4: Entrepreneurial Skills – III Unit 5: Green Skills – III  <b>PART B : SUBJECT SPECIFIC SKILLS</b> Unit 4: Fundamentals of Product Design Unit 5: Fundamentals of Interface Design Unit 6: Fundamentals of Game and Toy Design  Project Work <b>Note: - Full course of Half Yearly Exam will be included in Final Exam.</b>

### COURSE STRUCTURE

	<b>Units</b>	<b>Maximum Marks</b>
<b>PART A</b>	<b>EMPLOYABILITY SKILLS</b>	
	Unit 1: Communication Skills – III	2
	Unit 2: Self-Management Skills – III	2
	Unit 3: ICT Skills – III	2
	Unit 4: Entrepreneurial Skills – III	2
	Unit 5: Green Skills – III	2
	<b>TOTAL</b>	<b>10</b>
<b>PART B</b>	<b>SUBJECT SPECIFIC SKILLS</b>	
	Unit 1: Fundamentals of Publication / Communication Design	6
	Unit 2: Fundamentals of Moving Images	7
	Unit 3: Fundamentals of Information Design	7
	Unit 4: Fundamentals of Product Design	6
	Unit 5: Fundamentals of Interface Design	7
	Unit 6: Fundamentals of Game and Toy Design	7
	<b>TOTAL</b>	<b>40</b>
<b>PART C</b>	<b>PRACTICAL WORK / PROJECT WORK</b>	
	Practical File	15
	Practical Examination + Viva Voce	20
	Project Work/field Visit/ student Portfolio (Any one has to be done) + Viva Voce	15
	<b>TOTAL</b>	<b>50</b>
	<b>GRAND TOTAL</b>	<b>100</b>

### PRACTICAL

Half Yearly Exam - Project Work 50 marks  
Final Exam - Project Work 50 marks



SUBJECT: MARKETING	
HALF YEARLY EXAM	FINAL EXAM
PART A : EMPLOYABILITY SKILLS Unit 1: Communication Skills – III Unit 2: Self-Management Skills – III  PART B : SUBJECT SPECIFIC SKILLS Unit 1: Introduction to Marketing Unit 2: Marketing Environment  Project Work	PART A : EMPLOYABILITY SKILLS Unit 3: ICT Skills – III Unit 4: Entrepreneurial Skills – III Unit 5: Green Skills – III  PART B : SUBJECT SPECIFIC SKILLS Unit 3: Marketing Segmentation, Targeting & Positioning Unit 4: Fundamentals of Marketing Mix Unit 5: Consumer Behaviour  Project Work <b>Note: - Full course of Half Yearly Exam will be included in Final Exam.</b>

#### COURSE STRUCTURE

	Units	Maximum Marks for Theory and Practical
<b>Part A</b>	<b>Employability Skills</b>	
	Unit 1 : Communication Skills-III	2
	Unit 2 : Self-Management Skills-III	2
	Unit 3 : ICT Skills-III	2
	Unit 4 : Entrepreneurial Skills-III	2
	Unit 5 : Green Skills-III	2
	<b>Total</b>	<b>10</b>
<b>Part B</b>	<b>Subject Specific Skills</b>	
	Unit 1: Introduction to Marketing	10
	Unit 2: Marketing Environment	10
	Unit 3: Marketing Segmentation, Targeting & Positioning	10
	Unit 4: Fundamentals of Marketing Mix	10
	Unit 5: Consumer Behaviour	10
	<b>Total</b>	<b>50</b>
<b>Part C</b>	<b>Practical Work</b>	
	Project	10
	Viva	10
	Practical File	10
	Demonstration of skill competency via Lab Activities	10
	<b>Total</b>	<b>40</b>
	<b>GRAND TOTAL</b>	<b>100</b>

#### PRACTICAL

Half Yearly Exam - Project Work 40 marks

Final Exam - Project Work 40 marks

SUBJECT: ARTIFICIAL INTELLIGENCE	
HALF YEARLY EXAM	FINAL EXAM
<b>PART A : EMPLOYABILITY SKILLS</b> Unit 1: Communication Skills – III Unit 2: Self-Management Skills – III  <b>PART B : SUBJECT SPECIFIC SKILLS</b> Unit 1: Introduction: Artificial Intelligence for Everyone (Unit Test I) Unit 2: Unlocking your Future in AI (Unit Test I) Unit 3: Python Programming Unit 4: Introduction to Capstone Project  Project Work	<b>PART A : EMPLOYABILITY SKILLS</b> Unit 3: ICT Skills – III Unit 4: Entrepreneurial Skills – III Unit 5: Green Skills – III  <b>PART B : SUBJECT SPECIFIC SKILLS</b> Unit 5: Data Literacy – Data Collection to Data Analysis (Unit Test II) Unit 6: Machine Learning Algorithms (Unit Test II) Unit 7: Leveraging Linguistics and Computer Science Unit 8: AI Ethics and Values  Project Work <b>Note: - Full course of Half Yearly Exam will be included in Final Exam.</b>

### COURSE STRUCTURE

	Units	Max Marks
<b>PART A</b>	<b>Employability skills</b>	
	Unit 1: Communication Skills – III	2
	Unit 2: Self-Management Skills – III	2
	Unit 3: ICT Skills – III	2
	Unit 4: Entrepreneurial Skills – III	2
	Unit 5: Green Skills – III	2
	<b>TOTAL</b>	<b>10</b>
<b>PART B</b>	<b>Subject specific skills</b>	
	Introduction: Artificial Intelligence for Everyone	4
	Unlocking your Future in AI	5
	Python Programming	5
	Introduction to Capstone Project	5
	Data Literacy – Data Collection to Data Analysis	6
	Machine Learning Algorithms	6
	Leveraging Linguistics and Computer Science	5
	AI Ethics and Values	4
	<b>TOTAL</b>	<b>40</b>
<b>PART C</b>	<b>PRACTICAL WORK / PROJECT WORK</b>	
	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
	<b>TOTAL</b>	<b>50</b>
	<b>GRAND TOTAL</b>	<b>100</b>

### PRACTICAL

Half Yearly Exam - Project Work 50 marks  
Final Exam - Project Work 50 marks