



MOUNT CARMEL SCHOOL, CHANDIGARH
Syllabus, Term-2, Session 2026-27
Grade XI, Humanities

ENGLISH (301)

- October: Hornbill** - Discovering Tut: The Saga Continues
Childhood (Poem)
Grammar Section - Clauses
Snapshots - Mother's Day (Play)
- November: Hornbill**- The Adventure
Silk Road (Prose)
Grammar Section – Transformation of Sentences
- December: Hornbill**- Father to Son
Snapshots -The Tale of Melon City

Section A – Reading Skills (26 Marks)

I Reading Comprehension through Unseen Passages (10+8=18 Marks)

1. One Unseen Passage to Assess Comprehension, Interpretation, Analysis, Inference and Vocabulary. The passage may be factual, descriptive or literary.
2. One Unseen **Case-Based Factual** Passage with verbal/visual inputs like statistical data, charts etc.to assess Comprehension, Interpretation, Analysis, Inference and Evaluation.

Note: The combined word limit for both the passages will be 600-750.
(Multiple Choice Questions / Objective Type Questions will be asked).

3. Note Making and Summarization based on a passage of approximately 200-250 words.
 - i. Note Making: **5 Marks**
 - ii. Summary (up to 50 words): **3 Marks**

Section B –Grammar and Creative Writing Skills (23 Marks)

II Grammar 7 Marks

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

III Creative Writing Skills (16 Marks)

6. Short Writing Task – Classified Advertisements, up to 50 words. One out of the two given Questions to be answered (**3 Marks**: Format : 1 / Content : 1 / Expression : 1)
7. Short Writing Task –Poster up to 50 words. One out of the two given questions to be answered.(**3 marks**: Format : 1 / Content : 1 / Expression : 1)
8. Long Writing Task: Speech in 120-150 Words Based On Verbal / Visual Cues related to contemporary / Age-Appropriate Topic. One out of the two given Questions to be answered.
(**5 Marks**: Format: 1 / Content: 2 / Expression: 2)
9. Long Writing Task: Debate based on visual/verbal inputs in 120-150 words, the matically related to contemporary, topical issues. One out of the two given Questions to be answered.
(**5 Marks**: Format: 1 / Content: 2 / Expression: 2)

Section C – 31 Marks

Literature Text Book and Supplementary Reading Text

This Section will have variety of Assessment items including Multiple Choice Questions, Objective Type Questions, Short Answer Type Questions and Long Answer Type Questions to assess Comprehension, Interpretation, Analysis, Evaluation and Extrapolation beyond the Text.

10. One Poetry extract out of two, from the book **Hornbill**, to assess Comprehension, Interpretation, Analysis, Inference and Appreciation. (3x1=3 Marks)
11. One Prose Extract out of two, from the book **Hornbill**, to assess Comprehension, Interpretation, Analysis, Evaluation and Appreciation. (3x1=3 Marks)
12. One Prose Extract out of two, from the book **Snapshots**, to assess comprehension, interpretation, analysis, inference and Appreciation. (4x1=4 Marks)
13. Two Short Answer Type Questions (one from Prose and one from Poetry, from the book **Hornbill**), out of four, to be answered in 40-50 words. Questions should elicit inferential responses through critical thinking. (3x2=6 Marks)
14. One Short Answer Type Question, from the book **Snapshots**, to be answered in 40- 50 words. Questions should elicit inferential responses through critical thinking. One out of two questions to be done. (3x1=3 Marks)
15. One Long answer type question, from **Prose/Poetry of Hornbill**, to be answered in 120-150 words. Questions can be based on incident / theme / passage / extract / event, as reference points to assess extrapolation beyond and across the text. The Question will elicit analytical and evaluative response from the student. Any one out of two questions to be done. (1x6=6 Marks)
16. One Long Answer Type Question, based on the chapters from the book **Snapshots**, to be answered in 120-150 words, to assess Global Comprehension and extrapolation beyond the text. Questions to provide analytical and evaluative responses, using incidents, events, themes, as reference points. Any one out of two questions to be done. (1x6=6 Marks)

INTERNAL ASSESSMENT

Assessment of Listening Skills - 05 marks.
Assessment of Speaking Skills – 05 Marks
Project Work - 10 Marks

UNIT TEST MARKING SCHEME

Section – A Reading	05 Marks
Section – B Grammar & Writing	02 Marks
	04 Marks
Section - C Literature	09 Marks

Note: * Subject to changes as per CBSE instructions.

*** All Chapters and Writing Compositions done in Term I will also be included for the Final Examination.**

POLITICAL SCIENCE (028)

Theory -80 Marks

Practical-20 Marks

PART- A – Book: Indian Constitution at Work (40 MARKS)

October : Ch.6-Judiciary

Ch.- 7 Federalism

November: Ch.- 8 Local Government

Ch.-9 Constitution as a Living Document

Ch.-10 The Philosophy of the Constitution

PART –B- Book: Political Theory (40 MARKS)

November: Ch.- 7 Nationalism

Ch.- 8 Secularism

Unit Test – Marks Distribution (M.M.-20)

1 Mark Questions	1x4=4 Marks
Two Marks Questions	2x4=8 Marks
Three Marks Questions	3x2=6 Marks
Map Question	2 Marks

PROJECT WORK – 20 MARKS

(10 Marks Viva voce + 10 Marks Project Work)

Annual Marking Scheme & Question Paper Format

SECTION A- Question numbers 1-12(Multiple Choice Questions) 1 mark each.

SECTION B- Question numbers 13-18 (2 Marks each)

SECTION C-Question numbers 19-23 (4 Marks each)

SECTION D-Question numbers 24-26 (Cartoon ,Map based and Passage based questions)

SECTION E-Question numbers 27-30(6 Marks each)

* All Chapters done in Term I will also be included for the Final Examination.

Project Work (10 Marks File)

(10 Marks Viva)

Select a topic from the Syllabus, conduct well-researched studies, and present findings in a handwritten file on A4 sheets. The project should include :

*A title page, certificate, acknowledgements, Index, Content, a Conclusion, and a Bibliography.

*Use facts, figures, relevant pictures, news clippings, and consider conducting surveys or interviews to support the Research.

*The Project should demonstrate critical thinking, critical analysis, and the ability to link concepts to real-life situations.

HISTORY (027)

Practical- 20 Marks

Theory – 80 Marks

October Towards Modernisation
Theme 6 - Displacing Indigenous Peoples
Theme 7 - Paths to Modernisation

November December -- Revision for Exams.

Art Integrated Activity - Make collage or poster showcasing the modernization of a specific country (like Japan or China), using artistic elements to depict the transition from traditional to modern society.

Unit Test Marks Distribution (M.M: 20)-

Section A-1 to 5 Multiple Choice Questions (1 mark each)

Section B-6 to 7 Short Answer Type Questions (2 marks each)

Section C-8 to 10 Long Answer Type Questions (3 marks each)

Section D- Question no. 11 Map based Questions (2 marks)

Assessment of Project Work: 20 marks.

Project Work has broadly the following phases Synopsis Initiation, Data Collection, Data Analysis and Interpretation, Conclusion.

The aspects of the project work to be covered by students can be assessed during the two terms.

Final Examination

Marking Scheme & Question paper format.

The Question Paper contains 34 Questions.

Divided into five sections- A, B, C, D & E.

Section A-1 to 21 Multiple Choice Questions (1 mark each)

Section B-22 to 27 Short Type Questions (3 marks each)

Section C-28 to 30 Long Answer Type Questions (8 marks each)

Section D- 31 to 33 Source Based Questions (4 marks each)

Section E-34 ((i.) & (ii.))-Map Based Questions (3+2=5 marks)

Note: This syllabus is subject to change as per the CBSE instructions and guidelines.

Note: All chapters covered in Term I will also be included for the Annual Examination.

GEOGRAPHY (029)

October BOOK :FUNDAMENTALS OF PHYSICAL GEOGRAPHY

Unit-IV Climate

Chapter 8 Solar Radiation, Heat balance and Temperature

Chapter9 Atmospheric Circulations and Weather Systems

Chapter10 Water in the Atmosphere

Chapter11 World Climate and Climate Change (To be tested through internal assessments in the form of project and presentation)

November Unit-V Water (Oceans)

Chapter12 Water (Oceans)

Chapter13 Movements of the Ocean Water.

Unit Test Marks Distribution (M.M.:20)

Section A- Question Nos. 1 to 3 Multiple Choice Questions (1 mark Each)

Section B – Question Nos. 4 to 5 Very Short Answer Type Question (2 marks)

Section C- Question Nos. 6 and 7 Short Answer Type Question (3 marks)

Section D- Question No. 8 Long Answer Type Question (5 marks)

Section E – Question No. 9 Map Work (2 marks)

Marking Scheme and Question Paper Format for Final Examination.

Section A- Question Nos. 1 to 17 are Multiple Choice Questions (MCQs) carrying 1 mark each.

Section B- Question Nos.. 18 to 19 are Source Based Answer type questions carrying 3 marks each. Section C- Question Nos. 20 to 23 are Short Answer Type questions carrying 3 marks each. Answer to each of them should be in 80-100 words.

Section D- Question Nos. 24 to 28 are Long Answer Type questions carrying 5 marks each. Answer to each should be in 120-150 words

Section E- Question Nos. 29 to 30 are Map Based Questions carrying 5 marks each.

Assesment of Project Work (30 marks) The Student is required to make a Geography Practical File Final Examination.

Note: All chapters covered in Term I will also be included for the Annual Examination.

PSYCHOLOGY (037)

Theory Work:

Month	Unit No.	Chapter
October	05	Learning
	06	Human Memory
November	07	Thinking
	08	Motivation and Emotion

Practical : (Projects, Experiments, Small Studies, etc.) 30 marks .The students shall be required to undertake one project and conduct two experiments. The project would involve the use of different methods of enquiry like observation, survey, interview, questionnaire, small studies related to the topics covered in the course (e.g. Human development, Learning, Memory, Motivation, Perception, Attention and Thinking). Experiments could focus on cause-and-effect relationship.)

NOTE : Subject to changes as per CBSE instructions.

Format of Question Paper for Unit Test (Class-XI) : 20 Marks

There are 12 Questions in the Question Paper.

(i)**Section A:** 5 Questions Very Short Answer Type Questions (carrying 1 mark each)

(ii)**Section B:** 5 Questions Short Answer Type Question (carrying 2 marks each)

(iii)**Section C:** 1 Question Long Answer Type with a choice (carrying 5 marks)

Format of Question Paper for Final Examination : 70 Marks

SECTION A : Question Nos.1-14 in Section A carry 1 mark each. You are expected to answer them as directed.

SECTION B : Question Nos. 15-19 in Section B are Very Short Answer Type-I Questions carrying 2 marks each. The answer to each question should not exceed 30 words.

SECTION C : Question Nos. 20-23 in Section C are Short Answer Type-II Questions carrying 3 marks each. The answer to each question should not exceed 60 words.

SECTION D : Question Nos. 24 - 27 in Section D are Long Answer Type-I Questions carrying 4 marks each. The answer to each question should not exceed 120 words.

SECTION E : Question Nos. 28-29 in Section E are Long Answer Type-II Questions carrying 6 marks each. The answer to each question should not exceed 200 words.

SECTION F : Question Nos.30–33 in Section F are based on two cases given. The answer to each one- mark question should not exceed 20 words. The answer to each two-mark question should not exceed 30 words.

***This syllabus is subject to changes as per the C.B.S.E instructions and guidelines.**

Note: All chapters covered in Term I will also be included for the Annual Examination.

HOME SCIENCE (064)

Theory: 70 Marks

Practical: 30 Marks

October Ch. 10 Ch. - Financial Management and Planning

November Ch. 11 Care and Maintenance of fabrics

December- Revision

Art Integrated Activity:

Plan a budget for the student's farewell party.

Or

Find out the famous recipes of Tripura, Mizoram, and Dadra and Nagar Haveli. Prepare and present in class.

January- Revision Examination

Unit Test- Marks Distribution (MM: 20)

One-mark questions- $1 \times 5 = 5$

Two-mark questions- $2 \times 5 = 10$

Five marks question- $5 \times 1 = 5$

FINAL EXAMINATION MARKING SCHEME (Total Questions: 32)

- **Section A: Multiple-Choice Questions (14 marks)**

Q.1 to Q.14 → 14 questions × 1 mark each

- **Section B: Short Answer Questions (26 marks)**

Q.15 to Q.21 → 7 questions × 2 marks each = 14 mark

Q.22 to Q.25 → 4 questions × 3 marks each = 12 marks

- **Section C: Long Answer Questions (30 Marks)**

Q.26 to Q.30 → 5 questions × 4 marks each = 20 marks

Q.31 to Q.32 → 2 questions × 5 marks each = 10 marks

Practical Syllabus

October-

8. a) Record the fabrics and apparel used in a day

b) Categorize them according to functionality

November-

9. Relationship of fibre properties to their usage:

a) Thermal property and flammability

b) Moisture absorbency and comfort

10. (a) Analyze the label of any one garment with respect to: Clarity, fiber content, size and care instructions.

(b) Prepare one care label of any garment.

(c) Analyze two different fabric samples for color fastness.

(Note- 1ST Term and 2nd Term full syllabus will be assessed in Final Examination/Revision Examination/Pre-Board Examination/Board Examination as per the CBSE Norms)

Unit Test Marks Distribution (M.M.20)

Section A- Question Nos. 1 to 3 Multiple Choice Question (1 Mark each)

Section B – Question Nos. 4 to 5 Very Short Answer Type Question (2 Marks)

Section C- Question Nos. 6 and 7 Short Answer Type Question (3 Marks)

Section D- Question No. 8 Long Answer Type Question (5 Marks)

Section E – Question No. 9 Map Work (2 Marks)

Annual Marking Scheme and Question Paper Format

Section A- Question Nos. 1 to 17 are Multiple Choice Questions (MCQs) carrying 1 Mark each.

Section B- Question Nos. 18 to 19 are Source Based Answer Type Questions carrying 3 Marks each. Section C- Question Nos. 20 to 23 are Short Answer Type Questions carrying 3 Marks each. Answer to each of them should be in 80-100 words.

Section D- Questions Nos. 24 to 28 are Long Answer Type Questions carrying 5 Marks each. Answer to each should be in 120-150 words

Section E- Question Nos. 29 to 30 are Map Based Questions carrying 5 Marks each.

Assessment of Project Work (30 Marks) The student is required to make a Geography Practical File Annual Examination.

FOOD, NUTRITION & DIETETICS (834)

October Part B Subject Specific Skills

Unit 5: Public Health and Nutrition: Programmes and Policies

Unit 6: Nutrition Education, Communication and Behaviour Change

November Part A- The Employability Skills

Unit 3: ICT Skills- III

Unit 4: Entrepreneurial Skills-III

Unit 5: Green Skills-III

December - Revision

January: Revision Examination

Art Integrated Activity:

1. Creative Menu Card Making:

Design and prepare a creative and attractive menu card.

2. Napkin Folding Chart:

Learn and prepare different types of napkin folds. Create a colourful and informative poster displaying the various napkin-folding techniques.

Unit Test- Marks Distribution (MM: 20)

One-mark questions- $1 \times 4 = 4$

Two-marks questions- $2 \times 4 = 8$

Five marks question- $4 \times 2 = 8$

Examination Assessment Criteria- (Theory- 60 Marks)

This Question Paper consists of two sections – Section A & Section B.

- SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS)
- SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS)

Part C - Practical Syllabus (40 Marks)

October-

1. Enlist from the common foods we consume five rich sources each of energy, protein, calcium, iron, vitamin A, Thiamine and vitamin C.

2. Calculate the nutrient content per 100 g of the biscuit, bread, milk, and any fruit using the ICMR book.

3. Critically evaluate the midday meal menu given in your institution and suggest improvements.

4. Enlist the deficiency diseases caused by a lack of intake of these nutrients.

5. Frame five slogans to promote healthy food and discourage junk food among children.

Unit Test- Marks Distribution (MM: 20)

One-Mark Questions- 1x4=4 Marks

Two-Marks Questions- 2x4=8 Marks

Five Marks Question- 4x2=8 Marks

Examination Assessment Criteria- (Theory- 60 Marks)

This Question Paper consists of two sections – Section A & Section B.

- Section A - Objective Type Questions (30 Marks)
- Section B – Subjective Type Questions (30 Marks)

Part C - Practical Syllabus (40 Marks)

October-

1. Enlist from the common foods we consume five rich sources each of energy, protein, calcium, iron, vitamin A, Thiamine and Vitamin C.

2. Calculate the nutrient content per 100 g of the biscuit, bread, milk, and any fruit using the ICMR book.

3. Critically evaluate the midday meal menu given in your institution and suggest improvements.

4. Enlist the deficiency diseases caused by a lack of intake of these nutrients.

5. Frame five slogans to promote healthy food and discourage junk food among children.

(Note- 1ST Term and 2nd Term full syllabus will be assessed in Final Examination/Revision Examination/Pre-Board Examination/Board Examination as per the CBSE Norms)

INFORMATICS PRACTICES (065)

Marks Distribution :-

Theory : 70 Marks Practical : 30 Marks

Total Marks :- 100 Marks

October Unit 4 – Introduction to Emerging Trends

November Unit 3 – Database Concept and Structured Query Language

December Revision for Final Examination

January Revision Exams and Final Practical and Viva

February Final Examination

March Result

****Syllabus Covered in Term-I will also be a part of Annual Examination to be held in February'2027.****

Practical Marks Distribution

S.No.	Unit Name	Marks
1	Problem solving using Python programming language	11
3	Creating Database using MySQL and performing Queries	7
4	Practical file (minimum of 14 python programs, and 14 SQL queries)	7
5	Viva-Voce	5
	Total	30

Marks Distribution – Theory Paper (70 Marks)

Unit 1 - 10 Marks

Unit 2 - 25 Marks

Unit 3 - 30 Marks

Unit 4 - 5 Marks

Marks Distribution – Theory Paper (70 Marks)

Section-A Qs. 1 to 21 (Multiple Choice Questions) --- 1 x 21 = 21 Marks

Section-B Qs. 22 to 28 Short Answer Type Questions --- 2 x 7 = 14 Marks

Section-C Qs. 29 to 32 Short Answer Type Questions	---	3 x 4 = 12 Marks
Section-D Qs. 33 and 34 (Case Study)	---	4 x 2 = 8 Marks
Section-E Qs. 35 to 37 Long Answer Type Questions	---	5 x 3 = 15 Marks
Total	---	70 Marks

PAINTING (049)

October: Temple Sculpture, Bronzes and Artistic Aspects Of Indo-Islam Architecture

* Artistic aspects of Indian Temple Sculpture (6th Century A.D. to 13th Century A.D.)

1) Introduction to Temple Sculpture

2) Study and appreciation of following Temple-Sculptures:

i. Descent of Ganga (Pallava period, Mahabalipuram, Tamil Nadu)

ii. Trimuti (Elephanta, Maharashtra)

iii. Lakshmi Narayana (Kandariya Mahadev Temple) (Chandela period, Khajuraho, Madhya Pradesh)

iv. Cymbal Player, Sun Temple (Ganga Dynasty, Konark, Orissa)

v. Mother and Child (Vimal-Shah Temple, Solanki Dynasty, Dilwara, Mount Abu; Rajasthan)

November : Bronzes :

1. Introduction to Indian Bronzes.

2. Method of casting (solid and hollow)

3. Study and appreciation of following South Indian Bronze:

i. Nataraj (Chola period Thanjavur Distt., Tamil Nadu)

* Artistic aspects of the Indo-Islamic architecture:

Introduction

2. Study and appreciation of following architecture:

i. Qutub Minar, Delhi

ii. Gol Gumbad of Bijapur

Practical Syllabus 70 Marks

1: Painting Composition 50 Marks

i) 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.

ii) Sketches from life and nature

2: Portfolio Assessment 20 Marks

3 Painting Composition in water colours and oil pastels.

2 Geometrical Design

Note: Subject to changes as per CBSE instructions.

Syllabus done in Term-I will also be included for Final Examination.

Format of Question Paper for Unit Test: 20 Marks

There are 11 Questions in the Question Paper

Section A - consists of 6 Very Short Answer Questions carrying 1 mark

Section B - consists of 4 Short Answer Type Questions carrying 2 marks each .

Section C - consists of 1 Long Answer Type Questions carrying 6 marks each .

Format of Question Paper for Examination: 30 marks

Section A - consists of 8 Multiple Choice questions carrying 1 mark each .

Section B - consists of 5 Short Answer Type Questions carrying 2 mark each .

Section C - consists of 2 Long Answer Type Questions carrying 6 mark each .

Syllabus Covered in Term-I will be included in Final Examination.

ARTIFICIAL INTELLIGENCE (843)

Marks Distribution:-

Theory : 50 Marks

Practical : 50 Marks

Total Marks : 100 Marks

October

Part B- Unit-5 Data Literacy – Data Collection to Data Analysis
Unit-6 Machine Learning Algorithms

November

Unit-7 Leveraging Linguistics and Computer Science
Unit-8 AI Ethics and Values

December Revision for Final Examination

February Revision for the Final Exams

Practical Marks Distribution

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
TOTAL	50

Distribution of Marks for Written Examination: Theory Paper – (50 marks) :**Section- A Objective type question- 24 Marks**

Q 1 to Q 5- Short Answer Type Questions. Each question has 5 sub parts in which internal choice is given.

Section- B Subjective type questions- 26 Marks

- | | |
|---|-----------------|
| 1. Short Answer Type Questions (Part A) : | 2x3=6 Marks |
| 2. Short Answer Type Questions | 2x4=8 Marks |
| 3. Long Answer Type Questions | 4x3=12 Marks |
| Total Section A+B= | 50 Marks |

Note: All chapters covered in Term I will also be included for the Annual Examination.

LEGAL STUDIES (074)**October**

Unit 4 Judiciary: Constitutional, Civil and Criminal Courts and Processes.
Unit 5 Family Justice System
Chapter 1 Institutional Framework- Marriage and Divorce
Chapter 2 Child Rights

November

Chapter 3 Adoption
Chapter 4 Property, Succession and Inheritance
Chapter 5 Prevention of Violence against Women

Unit Test Marks Distribution (M.M.:20)

Section A- Questions 1 to 3 Multiple Choice Question (1 mark each)
Section B –Questions 4 to 6 Very Short Answer Type Question (2 marks)
Section C-Questions 7 and 8 Short Answer Type Question (3 marks)
Section D- Question 9 Long Answer Type Question (5 marks)

Assessment of Project Work (20 marks)

The Student is required to do project work on ‘Understanding the Case Law’

Annual Marking Scheme and Question Paper Format (M.M.=80)

Section A contains 20 Multiple Choice Question for 20 marks.
Section B contains 8 Short Answer Type Questions for 2 marks each.
Section C contains 8 questions for 3 marks each.
Section D contains 4 Long Question Answer Type Question for 5 marks each

ECONOMICS (030)**OCTOBER**

Introductory Microeconomics
Chapter - 8 Concept of cost
Chapter -9 Concept of Revenue

Chapter -10 Producer's Equilibrium
 Statistics for Economics
 Chapter -11 Correlation
 Chapter -12 Index Number

NOVEMBER Introductory Microeconomic
 Chapter -11 Theory of Supply
 Chapter -12 Forms of Market :Perfect Competition
 Chapter -13 Market Equilibrium under Perfect Competition and Effects of Shift in Demand and Supply

DECEMBER - Revision of full syllabus

JANUARY -Revision and First Revision Examination

FEBRUARY -Final Examination

Note: All chapters covered in Term I will also be included for the Annual Examination.

Unit Test: 20 Marks

Type of Questions	Number of Questions and Marks	Total Marks
Very Short Answer	4x1	04
Short Answer Type I	2x3	06
Short Answer Type II	1x4	04
Long Answer Type	1x6	06
Total	8 Questions	20

Terminal and Final Examination: 80 Marks

Type of Questions	Number of Questions and Marks	Total Marks
Very Short Answer	20x1	20
Short Answer Type-I	4x3	12
Short Answer Type-II	6x4	24
Long Answer Type	4x6	24
Total	34 Questions	80

Practical : 20 Marks.

S.No Heading. Marks allotted

1 Relevance of the topic.	3
2 Knowledge Content.	6
3 Presentation Techniques	3
4 Viva-voce.	8
Total	20

MATHS (041)

MONTH	CHAPTER NO.	TOPIC
October	10	Conic Sections
	11	Introduction to Three Dimensional Geometry
November	12	Limits & Derivatives
	13	Statistics
December	14	Probability

Unit Test (20 marks)

S. No	Type No.	Total Marks
1	Very Short Answer Type Questions	5 x 1= 5 marks
2	Short Answer Type Questions	5x 3 =15 marks

Marking Scheme of Final Examination (80 Marks)

Section	Type	No. Of Questions	Marks Per Question	Total Marks
A	Multiple Choice Questions	20	20	20
B	Very Short Answer Type	5	2	10
C	Short Answer Type	6	3	18
D	Long Answer Type	4	5	20
E	Case Study	3	4	12

***All chapters done in Term I will also be included for the Final Examination.**

INTERNAL ASSESSMENT

20 Marks

Periodic Tests (Best 2 out of 3 tests conducted)

10 Marks

Mathematics Activities

10 Marks

Including Lab Manual & Practical}

The following topics are included in the syllabus but will be assessed only formatively to reinforce understanding without adding to summative assessments. This reduces academic stress while ensuring meaningful learning. Schools can integrate these with existing chapters as they align well. Relevant NCERT textual material is enclosed for reference.

S.NO.	Content
	Unit-I: Sets and Functions
1.	Sets
	Practical problems on Union and Intersection of two sets.
2.	Relations and Functions
	Composition of Functions
3.	Trigonometric Functions
	General solution of trigonometric equations of the type $\sin y = \sin a$, $\cos y = \cos a$ and $\tan y = \tan a$.
	Unit-II: Algebra
1.	Principle of Mathematical Induction
	Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.
2.	Complex Numbers and Quadratic Equations
	Polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system.
3.	Linear Inequalities
	Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables.
4.	Permutation and Combination

	The fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae for nPr and nCr and their connections, simple applications.
5.	Binomial Theorem
	General and middle term in binomial expansion.
6.	Sequence and series
	Formulae for the following special sums $\sum_{k=1}^n k, \sum_{k=1}^n k^2, \sum_{k=1}^n k^3$
Unit-III: Coordinate Geometry	
1.	Straight Lines
	Normal form. General equation of a line.
2.	Introduction to Three-dimensional Geometry
	Section formula.
Unit-IV: Calculus	
1.	Limits and Derivatives
	Derivatives of composite functions (Chain rule).
Unit-V Statistics and Probability	
1.	Probability
	Random experiments; outcomes ,sample space (set representation)

APPLIED MATHEMATICS (241)

CHAPTER NO.	TOPIC	MONTH
October	7	Permutations & Combinations
	9	Functions
	10	Limits and Continuity
November	11	Differentiation
	13	Descriptive Statistics
December	14	Compound Interest and Annuity
	12	Probability

Unit Test (20 Marks)

S. No	Type No.	Total Marks
1	Very Short Answer Type Question	5 x 1= 5 marks
2	Short Answer Type Questions	5x 3 =15 marks

Marking Scheme of Final Examination (80 Marks)

Section	Type	No. of Question	Mark Per Question	Total Marks
A	Multiple Choice Questions	20	20	20
B	Very Short Answer Type Question	5	2	10
C	Short Answer Type Question	6	3	18
D	Long Answer Type Question	4	5	20
E	Case Study	3	4	12

***All Chapters done in Term I will also be included for the Final Examination**

INTERNAL ASSESSMENT

20 Marks

Periodic Tests (Best 2 out of 3 tests conducted)

10 Marks

Mathematics Activities

10 Marks

(Including Lab Manual & Practical)

PSYCHOLOGY (037)

Month	Unit No.	Chapter
October	05	Learning
	06	Human Memory
November	07	Thinking
	08	Motivation and Emotion
January	Pre-Board Examination	
February	Revision	
March	Final Examination	

Practical: (Projects, experiments, small studies, etc.) The students shall be required to undertake one project/small study and conduct two experiments. The project/small study would involve the use of different methods of enquiry like observation, survey, interview, questionnaire related to topics covered in the course.

NOTE : Subject to changes as per CBSE instructions.

UNIT TEST 20 MARKS

One Mark Questions	1x5=5 Marks
Two Marks Questions	2x5=10 Marks
Five Marks Questions	5x1=5 Marks

Practical (30 marks):

A. Test Administration:

Students are required to undertake one project/small study and conduct two experiments related to topics covered in the course.

B. In Practical examination, the student will be required to present the project/experiment file for viva voce.

Distribution of Marks:

- Practical (Experiments) File: 05 Marks
- Project File: 05 Marks
- Viva Voce (Project and Experiment): 05 Marks
- One Experiment: 15 Marks*

*(5 Marks for conduct of experiment and 10 Marks for report writing)

Unit Test – 20 Marks

Format of Question Paper for Unit Test: 20 Marks

There are 12 questions in the question paper.

(i)Section A: 5 Questions Very Short Answer Type Questions (carrying 1 mark each)

(ii)Section B: 5 Questions Short Answer Type Question (carrying 2 marks each)

(iii)Section C: 1 Question Long Answer Type with a choice (carrying 5 marks)

Format of Question Paper for Final Examination: 70 Marks

SECTION A : Question Nos.1-14 in Section A carry 1 mark each. You are expected to answer them as directed.

SECTION B : Question Nos. 15-19 in Section B are Very Short Answer Type-I Questions carrying 2 marks each. The answer to each question should not exceed 30 words.

SECTION C : Question Nos. 20-23 in Section C are Short Answer Type-II Questions carrying 3 marks each. The answer to each question should not exceed 60 words.

SECTION D : Question Nos. 24 - 27 in Section D are Long Answer Type-I Questions carrying 4 marks each. The answer to each question should not exceed 120 words.

SECTION E : Question Nos. 28-29 in Section E are Long Answer Type-II Questions carrying 6 marks each. The answer to each question should not exceed 200 words.

SECTION F : Question Nos.30–33 in Section F are based on two cases given. The answer to each one-mark question should not exceed 20 words. The answer to each two-mark question should not exceed 30 words.

- * All Chapters done in Term I will also be included for the Final Examination.
- * This syllabus is subject to changes as per the C.B.S.E instructions and guidelines.

PHYSICAL EDUCATION (048)

Theory : 70Marks

Practical : 30 Marks

October : Unit-6 Test, Measurement & Evaluation

Unit7- Fundamentals of Anatomy, Physiology in Sports

November Unit 8: Fundamentals of Kinesiology and Biomechanics in Sports

Unit 9: Psychology and Sports

December- Unit 10: Training and in Sports

January - Revision for the Examination

Unit Test Marks Distribution (M.M.20)

One-mark Questions : 1x6=6

Very short Answer Questions: 2x3=6

Short Answer Question : 3x1=3

Long Answer Questions : 5x1=5

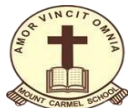
Marking Scheme for Final Examination

- 1) The question paper consists of 5 sections and 37 Questions.
- 2) Section A consists of questions 1-18 carrying 1 mark each and is multiple choice questions. All questions are compulsory.
- 3) Section B consists of questions 19-24 carrying 2 marks each.
- 4) Sections C consist of questions 25-30 carrying 3 marks each.
- 5) Section D consists of questions 31-33 carrying 4 marks each.
- 6) Section E consists of questions 34-37 carrying 5 marks each.

*** All Chapters done in Term I will also be included for the Final Examination.**

Monthly Theme for the Display Boards- Senior Wing (Grades IX – XII) **(Session 2026-27)**

Month	Theme
April	Save Environment
May	Discipline and Responsibility
July	Road Safety and Traffic Rules
August	Unity in Diversity
September	Inspirational Quotes
October	Great Indian Scientists and Innovators
November	Careers of the Future
December	Christmas and The Joy of Giving
January, 2027	Inspiring stories of Young Achievers
February, 2027	Importance of Education



Unit Tests' Schedule (Term-II, 2026-27) (Grade XI)

Date	STREAM		
	SCIENCE	COMMERCE	HUMANITIES
UNIT TEST – II			
22-10-2026	ARTIFICIAL INTELLIGENCE	ARTIFICIAL INTELLIGENCE	ARTIFICIAL INTELLIGENCE
28-10-2026	PSYCHOLOGY	PSYCHOLOGY	PSYCHOLOGY
02-11-2026	ENGLISH	ENGLISH	ENGLISH
05-11-2026	PHYSICAL EDUCATION	PHYSICAL EDUCATION	PHYSICAL EDUCATION
12-11-2026	BIOLOGY	BUSINESS STUDIES	-----
16-11-2026	MATHS	MATHS	MATHS / FOOD, NUTRITION & DIETETICS
19-11-2026	I.P.	I.P.	I.P. / POLITICAL SCIENCE
23-11-2026	PHYSICS	ECONOMICS	ECONOMICS / GEOGRAPHY
26-11-2026	-----	-----	HISTORY / PAINTING / LEGAL STUDIES
30-11-2026	CHEMISTRY	ACCOUNTANCY	HOME SCIENCE