



## **RAMAKRISHNA MISSION VIDYALAYA**

(A CBSE Affiliated English Medium Higher Secondary School)  
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**Affiliation No.: 2020007 School Code: 35373**

### Syllabus and Question Pattern for Class - X

**Session: 2024-2025**

#### **Important Notification:**

- 1) It is to be specially noted that records of the following issues viz. (i) Regular attendance in online/off line classes and Examinations, (ii) Academic Performance, (iii) Active Participation/Involvement in the School Programmes/Activities (including Cultural Programmes, Sports and Games, Academic Seminars and Workshops) , and (iv) Regular maintenance of discipline (including compliance with the School Dress Code, using of Decent Language, Decent Hair Style, Finger and Nail Hygiene, Overall Cleanliness etc.) in the School and all its programme as well will play a significant role in obtaining **Internal Assessment, Remarks and Credentials etc.**
- 2) The Exam. Calendar provided in the website needs to be treated as the Syllabus accomplishment dates during the Academic session 2024-2025.

### **Class-X Syllabus: 2024-2025** **English Language & Literature (184)**

<b>Periodic Test-I (PT-I)</b>	
Reading	Factual & Discursive Passages
Writing	Formal Letter
Grammar	Tense, Modal, Subject-Verb Concord
Prose (First Flight)	A Letter to God, Nelson Mandela, Two Stories about Flying
Poem (First Flight)	Dust of Snow, Fire and Ice, A Tiger in the Zoo
Supplementary (Footprints Without Feet)	A Triumph of Surgery, The Thief's Story, The Midnight Visitor, A Question of Trust
<b>Mid Term (MT) = PT-I + Following Topics</b>	
Reading	Factual & Discursive Passages
Writing	Analytical Paragraph Writing
Grammar	Reported Speech, Determiners
Prose (First Flight)	From the Diary of Anne Frank, Glimpses of India (I, II & III)
Poem (First Flight)	How to tell Wild Animals, The Ball Poem, Amanda

Supplementary (Footprints Without Feet)	Footprints Without Feet, The Making of a Scientist, The Necklace
<b>Post-Mid Term (POMT) = MT + Following Topics</b>	
Reading	Factual & Discursive Passages
Writing	Formal Letter & Analytical Paragraph Writing
Grammar	Grammar: All five topics
Prose (First Flight)	Mijbil the Otter, Madam Rides the Bus, The Sermon at Benares, The Proposal
Poem (First Flight)	The Trees, Fog, The Tale of Custard the Dragon, For Anne Gregory
Supplementary (Footprints Without Feet)	Bholi, The Book That Saved the Earth
Pre Board-1	PT-I + MT
Pre Board-2	Full Syllabus
Pre Board-3	Full Syllabus

## Bengali (005) Syllabus for Class X (2024-2025)

PROSE (গদ্যাংশ)		
জ্ঞানচক্ষু	PT-1	All for F. Exam.
আলোবাবু	PT-1	
বহুরূপী	MT(PT-2)	
অদল বদল	PT-II(PT-3)	
POETRY (পদ্যাংশ)		
তিনপাহাড়ের কোলে	PT-1	All for F. Exam.
একাকারে	PT-1	
আয় আরো বেঁধে বেঁধে থাকি	MT(PT-2)	
অস্ত্রের বিরুদ্ধে গান	PT-II(PT-3)	
Supp.Read. (গল্পগুচ্ছ)		
কাবুলিওয়ালা	PT-1	All for F. Exam.
পোস্টমাস্টার	MT(PT-2)	
দান-প্রতিদান	PT-II(PT-3)	
GRAMMAR (ব্যাকরণ)		
ব্যঞ্জনসন্ধি ও বিসর্গসন্ধি	PT-1	All for F. Exam.
সমাস(দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব)	PT-1	
বাক্য পরিবর্তন (সরল, জটিল, যৌগিক)	MT(PT-2)	
সাধু ও চলিত ভাষা।	PT-II(PT-3)	
CREATIVE WRITING (নির্মিত)		
সম্পাদকীয় পত্র	PT-1	All for F. Exam.
অনুচ্ছেদ রচনা	MT(PT-2)	

## Chapter wise Marks Distribution

CLASS X (MCQ)- 40				CLASS X (LAQ) - 40		
Part - I				Part - II		
Comprehension Test (বোধপরীক্ষণ)				সাহিত্য (সাহিত্য সঞ্চয়ন)		
	Marks	Total marks	গদ্যাংশ	2x1	2	
A	(1x3)+1	4	গদ্যাংশ	3x2	6	
B	(1x3)+1	4	গদ্যাংশ (বহুরূপী গল্প)	2+3	5	
C	(1x3)+1	4	পদ্যাংশ (কবিতার ব্যাখ্যা)	5x1	5	
A+B+C.		Total marks 12	পদ্যাংশ (কবিতার বিষয়মুখী প্রশ্ন)	5x1	5	
Grammar (ব্যাকরণ)				উপপাঠ্য (গল্পগুচ্ছ)		
ব্যঞ্জন সন্ধি ও বিসর্গ সন্ধি	1x4	4	গল্পগুচ্ছ (বিষয়মুখী প্রশ্ন)	5x1	5	
সমাস (দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব)	1x3	3	গল্পগুচ্ছ (বিষয়মুখী প্রশ্ন)	5x1	5	
বাক্য পরিবর্তন (গঠন অনুসারে)	1x3	3	Creative Writing (নির্মিত)			

সাধু ও চলিত ভাষা।	1x3	3	সম্পাদকীয় পত্র	6x1	6
<b>Total marks</b>		<b>18</b>	অনুচ্ছেদ রচনা।	6x1	6
সাহিত্য	1x6	6			
উপপাঠ্য	1x4	4			
<b>Total marks</b>		<b>10</b>			
<b>PART-I</b>		<b>40</b>	<b>PART-I</b>		<b>40</b>

## Mathematics (041)

Exam	Syllabus
<b>Pre Mid Term (PT-I)</b>	Real Numbers, Polynomials, Introduction to Trigonometry, Pair of linear equations in two variables, Triangles.
<b>Mid Term (MT)</b>	PT-I + Quadratic equations, Arithmetic progression, Circles, Co-ordinates Geometry, Statistics.
<b>Post Mid Term (POMT)</b>	Quadratic equations, Arithmetic progression, Circles, Areas related to circles, Some Applications of Trigonometry, Surface areas and volumes, Probability
<b>PB-1</b>	Full Syllabus
<b>PB-2</b>	Full Syllabus
<b>PB-3</b>	Full Syllabus

## Science (086)

Pre Mid Term /(PT-1)
Chapter - 1: Chemical Reactions and Equations Chapter - 6: Life Processes Chapter - 10: Light - Reflection and Refraction
<b>Mid Term (MT) = PT-I + Following Chapters</b>
Chapter - 2: Acids, Bases & Salts Chapter - 7: Control and Coordination Chapter - 15: Our Environment Chapter - 11: Human eye and colour full World
<b>Post Mid Term (POMT) = PT-I + MT + Following Chapters</b>
Chapter - 3: Metals & Non-metals Chapter - 8: How do Organisms Reproduce Chapter - 12: Electricity
<b>Periodic Test-II (PT-II)/POMT = PT-I + MT + POMT + Following Chapters</b>
Chapter - 4: Carbon and its Compounds Chapter - 9: Heredity Chapter - 13: Magnetic Effects of Electric Current
<b>Pre-Board (PB) : Full Syllabus</b>
<b>Periodic Test-III/PT-III : Full Syllabus</b>

## Social Science (087)

### Periodic Test-I(PT-I)

Subjects	Syllabus
History	Ch. - I: The Rise of Nationalism In Europe Ch.- 2:The Nationalism in India
Geography	Ch. - I: Resources and Development Ch.- II: Forest and Wildlife
Economics	Ch. - I: Development Ch. - II: Sectors of the Indian Economy
Democratic Politics	Ch. - I: Power Sharing Ch. - II: Federalism

## Mid Term Examination (MT)

Subjects	Syllabus
History	Ch.- II: Nationalism in India
	Ch.-III: The Making of Global World (First 2 units)
Geography	Ch. – III: Water Resources
	Ch. – IV: Agriculture
	Ch.- V: Minerals and Energy Resources
Economics	Ch. – III: Money and Credit and Ch. I & II
Democratic Politics	Ch. – IV: Gender, Religion and Caste
	Ch.- I & Ch.- II

## Post Mid Term Examination (POMT)

Subjects	Syllabus
a	Ch. – III: The Making of Global World
	Ch. - VII: Print Culture and the Modern World
Geography	Ch. – VI: Manufacturing Industries
	Ch.- VII: Life Lines and Indian Economy
Economics	Ch. – III: Money and Credit
	Ch. – IV: Globalisation and Indian Economy
	Ch .- V: Consumer Rights (to be used for Project)
Democratic Politics	Ch. - VI: Political Parties
	Ch. – VII: Outcomes of democracy

## Questioning Pattern for Pen Paper Tests

Abbreviations	Full Forms
VSAQ	Very Short Answer type Questions
SAQ	Short Answer type Questions
LAQ	Long Answer type Questions
OQ	Objective type Questions
MCQ	Multiple-choice question

## English Language and Literature Periodic Test-I (PT-I) & Post-Mid Term (POMT) FM-40

Section	Items	Mark	No. of Question	Total Mark
Sec. A Reading	Comprehension ( MCQ/ VSAQ)	1	10	10
Sec. B Writing Grammar	a. Formal Letter	5	1	05
	b. Analytical paragraph	1	5	05
Sec. C Literature	1. Extract from Poem/ prose	1	5	05
	2. SAQ from Text / Sup.	3	3	09
	3. LAQ from Text / Sup.	6	1	06

### Mid Term (MT) & Pre-Board Exams. FM-80

Section	Items	Mark	No. of Question	Total Mark
Sec. A Reading	Comprehension ( MCQ/ VSAQ)	1	20	20
Sec. B Writing Grammar	a. Formal Letter (100-120 words) b. Analytical Paragraph (100-120)	5 5	1 1	05 05
	a. Tenses, 2. Modals, 3.Determiners, 4.Subject-Verb Concord, 5. Reported Speech	1	10	10
Sec. C Literature	1. One extract from prose / drama	1	5	05
	2. One extract from poetry	1	5	05
	3. Four SAQ (40 -50 words) from text	3	4	12
	4. Two SAQ from Supplementary	3	2	06
	5. One LAQ from Text (100-120 word)	6	1	06
	6. One LAQ from Supplementary (100-120 words)	6	1	06

## Bengali

### Marking System for PT-I, MT, POMT & FINAL EXAMINATION 2024-2025

	Subjects	PT-I - 40	MT - 80	POMT - 40
Section - A	Reading Comprehension	4	12	4
Section - B	Creative Writing	6	12	6
Section - C	Grammar	10	13	10
Section - D	Literature Textbook & Supp. Read.	20	43	20
Total Marks		40	80	40

## INFORMATION TECHNOLOGY (SUBJECT CODE - 402) Class X, Session 2024-25

Periodic Test-I(PT-I)	
Part A: Employability Skills	Unit 1: Communication Skills Unit 2: Self-management Skills
Part B: Subject Specific Skills	Unit 1: Digital Documentation
Mid Term (MT) = PT-I + Following Topics	
Part A: Employability Skills	Unit 3: Information and Communication Technology Skills Unit 4: Entrepreneurial Skills
Part B: Subject Specific Skills	Unit 2: Electronic Spreadsheet Unit 3: Database Management System
Post Mid Term (POMT) = MT + Following Topics	
Part A: Employability Skills	Unit 5: Green Skills
Part B: Subject Specific Skills	Unit 4: Web Applications and Security.

**Questioning Pattern of Written Tests**  
**PT-I, MT, POMT, Mid Term, Pre Final & Final Exam:**

Question Type	Marks	No. of Questions	Total
VSAQ (Objective)	1	24	1x24=24
SAQ (20-30 words)	2	7	2x7=14
LAQ (50-80 words)	3	4	3x4=12
		Total marks	50
		Practical + Project + Viva + Portfolio	50
<b>Note - As per CBSE Board Question Pattern.</b>			

**Indian Culture**  
**Syllabus for Class-X**

Examinations	Syllabus
প্রাচ্য ও পাশ্চাত্য	
Mid Term (MT)	১ থেকে ৪৭ পৃষ্ঠা
Pre Board I/II	৪৭ থেকে ৮৬ পৃষ্ঠা

**Indian Culture**

**Marking system for Mid Term & Pre Board I/II**

Items	Type of question	Marks	No. of questions	Sum Total
প্রাচ্য ও পাশ্চাত্য	১। অতি সংক্ষিপ্ত প্রশ্ন	1	10	10
	২। সংক্ষিপ্ত প্রশ্ন	3	5	15
	৩। রচনাধর্মী প্রশ্ন	5	3	15
	৪। টিকা লিখন	2.5	2	5
	৫। বোধ পরীক্ষণ	1	5	5
	Total			50

**Mathematics**

**Periodic Test-I (PT-I), Post-Mid Term (POMT) & PT-II**

Question Type	Marks per Question	No. of Questions	Total Marks
VSAQ	1	4	1x4=4
SAQ -I	2	6	2x6=12
SAQ -II	3	4	3x4=12
LAQ	4	3	4x3=12
	Total		40

**Mid Term (MT) & PB, PT-III**

Question Type	Marks per Question	No. of Questions	Total Marks
VSAQ	1	20	1x20=20
SAQ -I	2	5	2x5=10
SAQ -II	3	6	3x6=18
LAQ-I	4	3	4x3=12
LAQ-II	5	4	5x4=20
	Total		80

## Science

### Periodic Test-I (PT-I), Post-Mid Term (POMT) & PT-II

Subjects	Question Type	Marks per Question	No. of Questions	Total Marks
Physics	VSAQ	1	3	3+6+5 =14
	SAQ	3	2	
	LAQ	5	1	
Chemistry	VSAQ	1	2	2+6+5=13
	SAQ	3	2	
	LAQ	5	1	
Biology	VSAQ	1	2	2+6+5 =13
	SAQ	3	2	
	LAQ	5	1	
Total		50		
				40

### Mid Term (MT) & PB, PT-II, PT-III

Subjects	Question Type	Marks per Question	No. of Questions	Total Marks
Physics	VSAQ	1	7	7+9+10 =26
	SAQ	3	3	
	LAQ	5	2	
Chemistry	VSAQ	1	7	7+9+10 =26
	SAQ	3	3	
	LAQ	5	2	
Biology	VSAQ	1	6	6+12+10 =28
	SAQ	3	4	
	LAQ	5	2	
Total				80

## Social Science

### Periodic Test-I(PT-I) & Post-Mid Term (POMT)

Subject	Question Type	Marks per Question	No. of Questions	Total
History	OBJECTIVE/MCQ	1	2	2+3+5=10
	SAQ	3	1	
	LAQ	5	1	
Geography	OBJECTIVE/MCQ	1	2	2+3+5=10
	SAQ	3	1	
	LAQ	5	1	
Economics	OBJECTIVE/MCQ	1	2	2+3+5=10
	SAQ	3	1	
	LAQ	5	1	
Democratic Politics	OBJECTIVE/MCQ	1	2	2+3+5=10
	SAQ	3	1	
	LAQ	5	1	
Total				40

## Mid Term(MT), Pre Final(PF) & Final Exam(FE)

Subject	Question Type	Marks per Question	No. of Questions	Total
History	OBJECTIVE/MCQ	1	4	4+2+3+4+2+5=20
	VSAQ	2	1	
	SAQ	3	1	
	PA BASE /SOURCE BASE	4	1	
	MAP	1	2	
	LAQ	5	1	
Geography	OBJECTIVE/MCQ	1	3	3+2+3+4+3+5=20
	VSAQ	2	1	
	SAQ	3	1	
	PA BASE /SOURCE BASE	4	1	
	MAP	1	3	
	LAQ	5	1	
Economics	OBJECTIVE/MCQ	1	7	7+2+6+5=20
	VSAQ	2	1	
	SAQ	3	2	
	LAQ	5	1	
Democratic Politics	OBJECTIVE/MCQ	1	6	6+2+3+4+5=20
	VSAQ	2	1	
	SAQ	3	1	
	PA BASE /SOURCE	4	1	
	LAQ	5	1	
Total				80