



RAMAKRISHNA MISSION VIDYALAYA

(A CBSE Affiliated English Medium Higher Secondary School)

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Syllabus and Question Pattern for Class - X

Session: 2023-2024

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 2023-2024.

Class-X Syllabus: 2023-2024

English Language & Literature (184)

Periodic Test-I (PT-I)	
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
Mid Term (MT) = PT-I + Following Topics	
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

Post-Mid Term (POMT) = MT + Following Topics	
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 (2023-2024)

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)	
অশ্বের 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)		
আবেদন 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			
A	(1x3)+1	4	গদ্যাংশ	2x1	2	
B	(1x3)+1	4	গদ্যাংশ	3x1	3	
C	(1x3)+1	4	গদ্যাংশ (বহুরূপী গল্প)	2+3	5	
A+B+C.		Total marks 12	পদ্যাংশ (কবিতার ব্যাখ্যা)	5x1	5	
			পদ্যাংশ (কবিতার বিষয়মুখী প্রশ্ন)	5x1	5	
Grammar (ব্যাকরণ)				উপপাঠ্য (গল্পগুচ্ছ)		
ব্যঞ্জন সন্ধি ও বিসর্গ সন্ধি	1x5	5	গল্পগুচ্ছ (বিষয়মুখী প্রশ্ন)	5x1	5	
সমাস (দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব)	1x5	5	গল্পগুচ্ছ (বিষয়মুখী প্রশ্ন)	5x1	5	
বাক্য পরিবর্তন (গঠন অনুসারে)	1x5	5	Creative Writing (নির্মিত)			
সাধু ও চলিত ভাষা।	1x3	3	আবেদন পত্র	5x1	5	

Total marks		18	অনুচ্ছেদ রচনা।	5x1	5
সাহিত্য	1x6	6			
উপপাঠ্য	1x4	4			
Total marks		10			
PART-I		40	PART-I		40

Mathematics (041)

Exam	Syllabus
Pre Mid Term (PT-I)	Real Numbers, Polynomials, Introduction to Trigonometry, Pair of linear equations in two variables, Triangles.
Mid Term (MT)	PT-I + Quadratic equations, Arithmetic progression, Circles, Co-ordinates Geometry, Statistics.
Post Mid Term (POMT)	Quadratic equations, Arithmetic progression, Circles, Areas related to circles, Some Applications of Trigonometry, Surface areas and volumes, Probability
PB-1	Full Syllabus
PB-2	Full Syllabus
PB-3	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
Mid Term (MT) = PT-I + Following Chapters
Chapter - 2: Acids, Bases & Salts Chapter - 7: Control and Coordination Chapter - 15: Our Environment Chapter - 11: Human eye and colour full World
Post Mid Term (POMT) = PT-I + MT + Following Chapters
Chapter - 3: Metals & Non-metals Chapter - 8: How do Organisms Reproduce Chapter - 12: Electricity
Periodic Test-II (PT-II)/POMT = PT-I + MT + POMT + Following Chapters
Chapter - 4: Carbon and its Compounds Chapter - 9: Heredity Chapter - 13: Magnetic Effects of Electric Current
Pre-Board (PB) : Full Syllabus Periodic Test-III/PT-III : Full Syllabus

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
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. – III: Democracy and Diversity
	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. – IV: The Age of Industrialization
	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 Communicative

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			
	a. Tenses, 2. Modals, 3.Determiners, 4.Subject-Verb Concord, 5. Reported Speech	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)	5	1	05
	b. Analytical Paragraph (100-120)	5	1	05
Sec. C Literature	a. Tenses, 2. Modals, 3.Determiners, 4.Subject-Verb Concord, 5. Reported Speech	1	10	10
	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

Sections	Items	Marks	No. of Questions	Total Marks
Part A: (Marks-40)				
Reading	Comprehension (MCQ)	1	20	20
Literature	His First Flight, Prose (MCQ)	1	5	05
	Poetry (MCQ)	1	5	05
Grammar	Stated (MCQ)	1	10	10
Part B: (Marks-40)				
Writing	Formal Letter	5	1	05
	Analytical Paragraph	5	1	05
Literature	From both books, SAQ	2	4	08
	From both books, SAQ	3	4	12
	LAQ from Text	5	1	05
	LAQ from Supplementary	5	1	05

Bengali

Marking System for PT-I, MT, POMT & FINAL EXAMINATION 2023-2024

	Subjects	PT-I - 40	MT - 80	POMT - 40
Section - A	Reading Comprehension	5	12	5
Section - B	Creative Writing	5	10	5
Section - C	Grammar	10	18	10
Section - D	Literature Textbook & Supp. Read.	20	40	20
Total Marks		40	80	40

INFORMATION TECHNOLOGY (SUBJECT CODE – 402)

Class X, Session 2023-24

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 Unit 2: Electronic Spreadsheet
Part B: Subject Specific Skills	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	1x21=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
Note - As per CBSE Board Question Pattern.			

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	6	2x6=12
SAQ -II	3	8	3x8=24
LAQ	4	6	4x6=24
	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	
	OBJECTIVE/MCQ	1	3	
Geography	VSAQ	2	1	3+2+3+4+3+5=20
	SAQ	3	1	
	PA BASE /SOURCE BASE	4	1	
	MAP	1	3	
	LAQ	5	1	
	OBJECTIVE/MCQ	1	7	
	VSAQ	2	1	
Economics	SAQ	3	2	7+2+6+5=20
	LAQ	5	1	
	OBJECTIVE/MCQ	1	6	
Democratic Politics	VSAQ	2	1	6+2+3+4+5=20

	SAQ	3	1	80
	PA BASE /SOURCE	4	1	
	LAQ	5	1	
	Total			

: Special Programme :

- Vivekananda Youth Cell for Positive Thinking
- Programmes on Value Education and Citizenship Training
 - Programmes on Personality Development