

# QUEEN MARY'S HR. SEC. SCHOOL, BHOPAL

SYLLABUS 2023-24

CLASS : XI.A

BIOLOGY

	S.NO	MONTH	NO. & NAME OF THE TOPICS	
	1	JUNE	1. The Living World	
			2. Biological Classification	
			3. Plant Kingdom	
	2	JULY	4. Animal Kingdom	
			5. Structural organization in animals	
			6. Cell cycle and Cell Division	
			7. Cell: The unit of life	
			8. Biomolecules	
	3	AUGUST	9. Morphology of Flowering Plants	
			10. Digestion and Absorption	
			11. Anatomy of Flowering plants	
			12. Breathing and Exchange of Gases	
	4	SEPTEMBER	REVISION	Term-I ch-1to11
			13. Body Fluids and Circulation	
	5	OCTOBER	14. Transport in Plants	
			15. Excretory Products and their Elimination	
	6	NOVEMBER	16. Mineral Nutrition	
			17 Locomotion and	
			18. Photosynthesis in Higher Plants	
	7	DECEMBER	19 Respiration in Plants	P.A -I CH 12-14
			20. Neural Control and Co-ordination	
	8	JANUARY	21. Plant Growth and Development	
			22. Chemical Control Coordination and Integration.	
	9	FEBRUARY	REVISION	<b>Final Exam – Complete Syllabus</b>

**CLASS : XI.A****MATHEMATICS**

S.No.	Pack. No.	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	June	1. Sets 2. Relations and Functions	
2	2	July	3. Trigonometric function 4. Complex number 8. Sequence and Series	
3	3	August	5. Linear inequalities 6. Permutations and Combinations	
4		September	Revision	Term I Pkg. 1,2,3
5	4	October	9. Straight Lines 10. Conic sections	
6	5	November	12. Limits & Derivatives	
7			11. Introduction the 3-D Geometry	
8	6	December	14. Probability, 7. Binomial theorem	P.A I Pkg. 4,5
9	7	January	13. Statistics	
10	9	February	Final Exam	Term II Full portion

**CLASS : XI.A****CHEMISTRY**

S.No	Pack. No	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	June	1. Some basic concept of chemistry	
2	2	July	2. Structure of atom 3. Classification of elements and periodicity	
			in properties 4. Chemical bonding and molecular structure	
3	3	August	5. Thermodynamics	
4		September	REVISION	Term I Pkg. 1,2,3.
5	4	October	7. Redox reaction	
6	5	November	8. Some basic principles & Techniques	
7	6	December	9. Hydrocarbons	PA-I Pkg. 4,5,6
8	7	January	6. Equilibrium	
9	8	February	Revision	Final Exam-FULL PORTION

**CLASS : XI.A****PHYSICS**

S.No	Pack. No	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	JUNE	CHAP-1.PHYSICAL WORLD	
2			CHAP 2.UNITS AND MEASUREMENT	
3	2	JULY	CHAP -3 MOTION IN A STRAIGHT LINE	
4			CHAP -9.MECHANICAL PROPERTIES OF SOLID	
5	3	AUGUST	CHAP- 4 MOTION IN A PLANE	
6			CHAP -10 .MECHANICAL PROPERTIES OF FLUID	
7	4	SEPTEMBER	REVISION ALL CHAPTER	TERM -I Pkg. 1,2,3.
8	5	OCTOBER	CHAP -5. LAWS OF MOTION	
9			CHAP- 11 THERMAL PROPERTIES OF MATTER	
10	6	NOVEMBER	CHAP -6.WORK POWER AND ENERGY	
11			CHAP -12 THERMODYNAMIC	
12			CHAP -13 KINETIC THOERY	
13	7	DECEMBER	CHAP-7 SYSTEM OF PARTICLES AND ROTATIONAL MOTION	P.A I Pkg 5,6
14			CHAP 14. OSCILLATION	
15	8	JANUARY	CHAP-8. GRAVITATION	
16			CHAP -15 . WAVES	
17	9	FEBRUARY	REVISION ALL CHAPTER	TERM -I I FULL PORTION

### CLASS : XI.A

### ENGLISH

S.No.	Pack. No.	Month	No. & Name of the Topics	Exam Date & Syllabus
1	1	June	Ch 1 The summer of the beautiful white horse	
2	2	July	Ch 1 Cont.....	
3			Grammar	
4			Ch 1 The Portrait of a lady , Writing skills, A Photograph	
5	3	August	Ch 2 The address, Grammar	
6			Ch 2 We are not afraid to Die... , The Laburnum Top	
7			Ch 3 Ranga's Marriage, Grammar ,Writing Skills	
8	4	September	Ch 4 Albert Einstein at School, The voice of Rain	
9			Revision	Term 1 Syllabus PKG 1to4
10	5	October	Ch 3 Discovering Tut	
11			Ch 5 Mother's Day , Writing Skills	

12	6	November	Ch5 The Ailing Planet	
13			Childhood	
14			Ch6 The Browning Version , Writing Skills	
15	7	December	Revision	P.A. 1 Syllabus PKG 5 to 7
16			Ch 7 Birth	
17			Ch 8 The Tale of Melon city , Writing Skills	
18	8	January	Silk Road, Father to son , Writing Skills	
19			Revision	
20	9	February	Revision	Final Exam Full portion

**CLASS : XI.A**

**I.P.**

S.NO.	Pack . No	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	June	1. Basic Computer Organization.	
2	2	July	2 . Data Represenation- Basic concept.3. Getting started with Python.	
3	3	August	4. Python Fundamentals. 5. Data Handling 6 Conditional and Iterative statements. 7. Text Handling. 8 List	
4		September	Revision.	TERM I Pkg. 1,2,3,4,5.
5	4	October	9. Dictionaries 10. Working with Numpy	
6	5	November	11. Relational Databases 12. Simple queries in MySQL.	
7	6	December	Revision.	PA I 4,5,6,7.
8	7	January	13. Introduction to Emerging Trends.	
9	8	Febrary	Revision.	TERM II Pkg. 1 TO 9

**CLASS : XI.A**

**PHY. EDU.**

<b>S.No</b>	<b>Pack. No</b>	<b>MONTH</b>	<b>NO. &amp; NAME OF THE TOPICS</b>	<b>EXAM DATE &amp; SYLLABUS</b>
1	1	June	L-1 Changing trends and career in Physical Education	
2	2	July	L-2 Olympic movement	
3			L-3 Physical Fitness, Wellness & Life style	
4	3	August	L-4 Physical Education and Sports for differently abled.	
5			L-5 Yoga	
6	4	September	L-6 Physical Activity and Leadership Training	TERM 1 Pkg. 1,2,3
7	5	October	L-7 Test Measurement and Evaluation.	
8	6	November	L-8 Fundamentals of Anatomy , Physiology and Kinesiology in sports.	PA-I Pkg. 4,5
9	7	December	L-9 Psychology and Sports.	
10			L-10 Training and doping in Sports.	
11	8	January	REVISION	
12	9	February	REVISION	TERM II FULL PORTION

**CLASS : XI.A****MORAL SCIENCE**

S.NO	Pack. No.	Month	No. & Name of the Topics	Exam Date & Syllabus
1	1	JUNE	Ch1 Self respect	
2			Ch 2 Vital virtues	
3	2	JULY	Ch3 . Do not desire what you do not desire	
4			Ch 4. Ego hurts ;humility up lifts	
5			Ch 5 Relationships	
6	3	AUGUST	Ch6. Sex and ethics	
7			Ch 7.Perseverance	
8			C h 8.Optimism	
9	4	SEPTEMBER	REVISION	I TERM SYLLABUS Pkg. no.1 to 3
10	5	OCTOBER	Ch 9. Art of speaking	
11			Ch 10. Media	
12			Ch 11. Internet ; A necessary evil	
13	6	NOVEMBER	Ch 12. Career	
14			Ch 13. Humaneness	
15	7	DECEMBER	Ch 14. The quality I most admire	
16	8	JANURARY	Ch 15. Forgiveness	FINAL EXAM Pkg.no 4 to 8