

QUEEN MARY'S HR. SEC. SCHOOL, BHOPAL

SYLLABUS 2023-24

CLASS : XII.A

BIOLOGY

S.No	Pack. No.	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	APRIL	Ch-1 Sexual Reproduction in flowering plants	
2			Ch -1 Sexual Reproduction in flowering plants	
3			Ch-2 Human Reproduction	
4	2	JUNE	Ch-3. Reproductive health	
5			Ch-4 Principles of inheritance and variation	
6	3	JULY	Ch-5 Molecular basis of inheritance	PA-1 Pkg. 1,2
7			Ch-6 Evolution	
8			Ch-7 Human health and disease	
9	4	AUGUST	Ch-8 Microbes in human welfare	
10			Ch-8 Microbes in human welfare	
11			Ch-9 Biotechnology -Principles and processes	
12	5	SEPTEMBER	Ch-10 Biotechnology and its applications	
13			Revision	Term-1 Pkg. 1,2,3,4
14	6	OCTOBER	Ch-11 Organisms and populations	
15			Ch-12 Ecosystem	
16	7	NOVEMBER	Ch-13 Biodiversity and conservation	
17			Practical -Experiments	
18	8	DECEMBER	Revision	PREBOARD - Full Portion
19	9	JANUARY	Revision	PREBOARD - Full Portion

CLASS : XII.A

MATHEMATICS

S.No	Pack. No	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	April	2.Inverse Trigonometry	
2			3.Matrices, 4.Determinants	
3	2	June	5. Continuity and Differentiability	
4	3	July	6. Application of Derivatives,7. Integrals	PA -I Pkg. 1,2,3.
5	4	August	7. Integrals 8. Application of Integrals	
6	5	September	9.Differential Equation Revision	Term- I Pkg. 1,2,3,4,5.
7	6	October	9. Differential Equation, 1. Relation and Functions 10 Vector Algebra.	
8	7	November	11. 3D , 12. Linear Programming 13.Probability	
9	8	December	PreBoard-I	Full Portion
10	9	January	PreBoard-II	Full Portion

CLASS : XII.A**CHEMISTRY**

S.No	Pack. No	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	APRIL		
2	2	JUNE	CH 1. SOLUTION	
3			CH 6. HALOALKANES AND HALOARENES	
4	3	JULY	CH 2 ELECTROCHEMISTRY	
5			CH 4. d- AND f - BLOCK ELEMENTS	P.A-I Pkg. 1,2,3
6	4	AUGUST	CH 7. ALCOHOLS , PHENOLS AND ETHERS	
7			CH 5 . COORDINATION COMPOUNDS	
8	5	September	CH 3. CHEMICAL KINETICS	Term I Pkg. 1,2,3,5
9	6	October	CH8. ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	
10			CH 10. BIOMOLECULES	
11	7	November	CH 9. AMINES	
12		December	REVISION	PRE-BOARD I (FULL PORTION)
13		January	REVISION	PRE-BOARD II (FULL PORTION)

CLASS : XII.A**PHYSICS**

S.No	Pack. No.	MONTH	NO. & NAME OF THE TOPICS	EXAM DATE & SYLLABUS
1	1	APRIL	CHAP-1+2.ELECTROSTATIC,CHAP-9.RAY OPTICS	
2				
3	2	JUNE	CHAP-3.CURRENT ELECTRICITY,CHAP-10,WAVE OPTICS	
4				
5	3	JULY	CHAP-4 + 5 MAGNETIC EFFECTS OF ELECTRIC CURRENT AND MAGNETISM	P.A-1 Pkg. 1,2
6			CHAP-11,DUAL NATURE OF RADIATION	
7	4	AUGUST	CHAP- 6 & 7. ELECTROMAGNETIC INDUCTION AND ALTERNATE CURRENT,	
8			CHAP -12.ATOMS	
9		September	REVISION	TERM I Pkg.1,2,3,4
10	5	October	CHAP-8 ,ELECTROSTATIC(REVISION) CH-13 NUCLEI	
11	6	November	CHAP -3,CURRENT(REVISION) CH -14 SEMICONDUCTOR ELETRONIC: DEVICE	
12	7	December	PREBOARD I	PRE- BOARD I (FULL PORTION)
13	8	January	PREBOARD II	

CLASS : XII.A**ENGLISH**

S.No	Pack. No.	Month	No. & Name of the Topics	Exam Date & Syllabus
1	1	April	WS - Poster making , Invitation writing	
2			FL - The last lesson , My Mother at sixty six	
3	2	June	V- The Tiger King , Lost Spring , An Elementary...	
4	3	July	FL - Deep Water , V- The Enemy	PA-I Syllabus PKG 1 & 2
5			FL - The Rattrap, Keeping Quiet , Indigo	
6			Writing skills	
7	4	August	V- Should Wizard Hit Mommy , On the Face of it	
8			FL- A Thing of Beauty , Writing skills	
9	5	September	REVISION	I TERM Syllabus PKG 1 to 4
10			V- The Third Level, FL- Aunt Jennifer's Tigers	
11	6	October	V- Evans tries ,Memories of Childhood	
12			FL- Going Places , Writing Skills	
13	7	November	FL - Poets and Pancakes , The Interview	
14			A Roadside Stand , V- Journey to the end of the Earth	
15	8	December	PRE-BOARD -I	Syllabus - Full portion
16	9	January	PRE-BOARD -II	Syllabus - Full portion

CLASS : XII.A**I.P.**

S.No	Pack. No.	Month	No. & Name of the Topics	Exam Date & Syllabus
1	1	April	UNIT - II Databases Queries.	
2	2	June	UNIT - III Introduction to the Computer Networking.	
3	3	July	UNIT -I Data handlin using Pandas and Data Visualization.	PA-I Pkg. 1,2
4			PROJECT	
5	4	August	Contin... UNIT -I	
6	5	September	REVISION	TERM I Pkg. 1 ,2,3, 4
7	6	October	UNIT - IV Societal Impacts.	
8	7	November	PROJECT	
9			PROJECT	
10		December	PREBOARD -I	Full Portion.
11		January	PREBOARD -II	Full Portion.

CLASS : XII.A**PHY. EDU.**

S.No	Pack. No	MONTH	No. & Name of the Topics	Exam Date & Syllabus
1	1	April	L-1 Planning in Sports	
2			L-2 Children and Women in Sport's.	
3	2	June	L-3 Yoga and Life Style	
4	3	July	L-4 Physical education and sports for CWSN.	
5	4		L-5 Sports and Nutrition.	
6	5	August	L-6 Test and measurement in sports	PA-1 Pkg. 1,2,3
7	6	September	L-7 Physiology and sports	TERM 1 Pkg. 1,2,3,4,5,6
8	7	October	L-8 Kinesiology, Biomechanics and Sports	
9	8		L-9 Psychology and Sports	
10	9	November	L-10 Training in sports + REVISION	
11	10		REVISION	
12	11	December	Preboard -I	Pkg. 1 to 9 Full Portion
13	12	January	Preboard-II	Full Portion.

CLASS : XII.A**MORAL SCIENCE**

S.No	Pack. No.	Month	No. & Name of the Topics	Exam Date & Syllabus
1	1	APRIL	MOTIVATIONAL CLASSES	
2	2	JUNE	Ch1 Generation Gap	
3			Ch 2 Prayer; A problem Solver	
4	3		Ch3 . Nothing is impossible for God	
5			Ch 4.Self Control	
6	4	JULY	Ch 5 Counselling	
7			Ch6.Frustration	
8			Ch 7..Decision - Making	
9	5	AUGUST	Ch 8.Youth and Fashion	
10			Ch9. Dignity of Labour	
11			Ch 10.Adolscents : Their body and Mind	
12	6	SEPTEMBER	REVISION	I TERM SYLLABUS Pkg.1 to 6
13	7	OCTOBER	Ch 11. Personality	
14			Ch 12. Accepting criticism is an art	
15	8	NOVEMBER	Ch 13. Wisdom	
16			Ch 14. Euthanasia	
17		DECEMBER	Preboard I	FINAL EXAM Full Portion