

SYNA INTERNATIONAL SCHOOL, KATNI
SYLLABUS BREAKUP (2019-20)
CLASS-XII-AB

ENGLISH

Sr. No.	Chapter Name	Sec.	CT 1	CT2	CT 3	CT4	MT/Pre-Board
1	The Last Lesson(Alphonse Daudet)	Text	✓				✓
2	My mother at sixty-six (Kamala Das)	Text	✓				✓
3	The Third Level (Jack Finney)	Supp.		✓			
4	The Tiger King (Kalki)	Supp.	✓				✓
5	An Elementary Classroom in a slum (Stephen Spender)	Supp.	✓				✓
6	Advertisement (situation vacant) Business Letters	Writing	✓				✓
7	Lost Spring (Anees Jung)	Text		✓			✓
8	Deep Water(William Douglas)	Text		✓			✓
9	The Rattrap(Selma Lagerlof)	Text		✓			✓
10	Keeping Quiet (Pablo Neruda)	Text		✓			✓
11	Journey To The End Of The Earth (Tishani Doshi)	Supp.		✓			✓
12	The Enemy (Pearl S. Buck)	Supp.		✓			✓
13	Advertisement (Lost & found, Sale/Purchase, To Let), Notice, Letter to Editor	Writing		✓			✓
14	Indigo(Louis Fischer)	Text			✓		✓
15	Poets and Pancakes (Asokamitran)	Text			✓		✓
16	A Thing of Beauty(John Keats)	Text			✓		✓
17	A Roadside Stand (Robert Frost)	Text			✓		✓
18	Should Wizard Hit Mommy (John Updike)	Supp.			✓		✓
19	On the Face of it (Susan Hill)	Supp.			✓		✓
20	Display Advt. (Poster designing), Invitation & Replies, Report and Article Writing	Writing			✓		✓
21	An Interview (Part I & II)	Text				✓	✓
22	Going Places (A.R. Barton)	Text				✓	✓
23	Aunt Jennifer's Tigers(Adrienne Rich)	Text				✓	✓

24	Evans Tries an O-Level (Colin Dexter)	Supp.				✓	✓
25	Memories of Childhood (Zitkala Sa and Bama)	Supp.				✓	✓
26	Advt. (Matrimonial, Obituary), Job Application, Debate, Speech	Writing				✓	✓

MATHEMATICS

Sr. No.	Chapter Name	CT 1	CT2 /	CT 3	CT4 /	MT/Pre-Board
1	INVERSE TRIGONOMETRIC FUNCTIONS	✓				✓
2	MATRICES	✓				✓
3	DETERMINANTS	✓				
4	VECTORS		✓			✓
5	THREE DIMENSIONAL GEOMETRY		✓			✓
6	DIFFERENTIATION		✓			✓
7	APPLICATIONS OF DERIVATIVES		✓			✓
8	INTEGRATION			✓		✓
9	APPLICATION OF INTEGRATION			✓		✓
10	DIFFERENTIAL EQUATIONS			✓		✓
11	RELATIONS AND FUNCTIONS				✓	✓
12	LINEAR PROGRAMMING				✓	✓
13	PROBABILITY				✓	✓

BIOLOGY

S.No.	Chapter	EXAM					
		CT1	CT2	CT3	MID TERM	CT4	BOARD
1.	Principles of Inheritance and Variation	✓			✓		✓
2.	Molecular Basis of Inheritance	✓			✓		✓
3.	Evolution					✓	✓
4.	Biotechnology - Principles and Processes		✓		✓		✓
5.	Biotechnology and its Application		✓		✓		✓
6.	Reproduction in Organisms		✓		✓		✓
7.	Sexual Reproduction in Flowering Plants		✓		✓		✓
8.	Human Reproduction			✓	✓		✓
9.	Reproductive Health			✓	✓		✓
10	Human Health and Diseases			✓	✓		✓
11	Strategies for Enhancement in Food Production			✓	✓		✓
12	Microbes in Human Welfare					✓	✓
13	Organisms and Populations					✓	✓
14	Ecosystem					✓	✓

15	Biodiversity and its Conservation					✓	✓
16	Environmental Issues					✓	✓

PHYSICS

S. No.	Chapter	CT1	CT2	MT	CT3	CT4	BOARD
1	Electrostatics	✓		✓			✓
2	Current Electricity		✓	✓			✓
3	Magnetic Effects of Current and Magnetism		✓	✓			✓
4	Electromagnetic Induction and Alternating Currents			✓			✓
5	Electromagnetic waves			✓			✓
6	Optics				✓		✓
7	Dual Nature of Radiation and Matter				✓		✓
8	Atoms and Nuclei					✓	✓
9	Electronic Devices					✓	✓
10	Communication Systems						✓

CHEMISTRY

S.No.	CHAPTER NAME	CT1	CT2	CT3	MID TERM	CT-4	FINAL
1.	SOLUTION	✓			✓		✓
2.	ELECTROCHEMISTRY		✓		✓		✓
3.	CHEMICAL KINETICS					✓	✓
4.	SURFACE CHEMISTRY					✓	✓
5.	GENERAL PRINCIPLES AND PROCESS OF ISOLATION		✓				✓
6.	P BLOCK ELEMENTS GROUP 16,17AND 18	✓			✓		✓
7.	d AND f BLOCK ELEMENTS		✓		✓		✓
8.	COORDINATION COMPOUNDS		✓		✓		✓
9.	HALOALKANES AND HALOARENES			✓	✓		✓
10.	ALCOHOLS,PHENOLS AND ETHER			✓	✓		✓
11.	ALDEHYDES ,KETONE AND CARBOXYLIC ACIDS			✓	✓		✓
12.	ORGANIC COMPOUNDS CONTAINING NITROGEN			✓	✓		✓
13.	BIOMOLECULES					✓	✓
14.	POLYMERS					✓	✓
15.	CHEMISTRY IN EVERYDAY LIFE					✓	

COMPUTER SCIENCE

S. No.	Chapter	CT1	CT2	MID TERM	CT3	CT4	BOARD
1	Functions	✓		✓			✓
2	Society, Law and Ethics		✓	✓			✓
3	File handling:			✓			✓

4	Data-structures				✓		✓
5	Computer Networks (CN)				✓		✓
6	Data Management					✓	✓

PHYSICAL EDUCATION

S.No.	CHAPTER NAME	CT1	CT2	CT3	MID TERM	CT-4	FINAL
1.	Planning in Sports	✓			✓		✓
2.	Sports & Nutrition	✓			✓		✓
3.	Yoga & Lifestyle		✓		✓		✓
4.	Physical Education & Sports for CWSN (Children With Special Needs - Divyang)		✓		✓		✓
5.	Children & Women in Sports			✓	✓		✓
6.	Test & Measurement in Sports			✓	✓		✓
7.	Physiology & injuries in sports				✓		✓
8.	Biomechanics & sports				✓		✓
9.	Psychology & Sports					✓	✓
10.	Training in Sports					✓	✓

PAINTING

Sr.No.	Chapter Name	CT 1	CT 2	CT 3	CT 4	MT/Pre-Board
1	Rajasthani school origin & Development	✓	✓	✓	✓	✓
2	Sub-School & Main features	✓	✓	✓	✓	✓
3	Study of the Following Rajasthani Paintings	✓	✓	✓	✓	✓
4	Subject matter	✓	✓	✓	✓	✓
5	Pahari school origin & Development		✓	✓	✓	✓
6	Sub-School & Main features		✓	✓	✓	✓
7	Study of the Following Pahari Paintings		✓	✓	✓	✓
8	Subject matter		✓	✓	✓	✓
9	Mughal school origin & Development			✓	✓	✓
10	Sub-School & Main features			✓	✓	✓
11	Study of the Following Mughal Paintings			✓	✓	✓
12	Subject matter			✓	✓	✓
13	Deccan school origin & Development			✓	✓	✓
14	Sub-School & Main features			✓	✓	✓
15	Study of the Following Deccan Paintings			✓	✓	✓
16	The Indian National Flag & The Bengal School Paintings				✓	✓
17	origin & Development				✓	✓
18	Study of the Following Bengal Paintings				✓	✓
19	The Modern Trends in Indian Art				✓	✓
20	Study of the Following (a) Paintings,				✓	✓
	(b)Graphic-Print, (c) Sculptures.				✓	✓