

OASANSOL NORTH POINT SCHOOL, CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)
MATHEMATICS (CLASS XI)

RECOMMENDED BOOKS: (1) N.C.E.R.T MATHEMATICS, (2) R.S AGGARWAL, (3) CBSE chapter wise solution by MTG

NOTE: The syllabus bifurcation has been presented in two categories:

- i) Month wise Split up for teaching as transaction
- ii) Detail of Activities & assessments

MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1.	Trigonometric Functions	APRIL
2.	Derivatives	MAY
3.	Relations and Functions	MAY + JUNE
4.	Sets	JULY
5.	Limits	JULY
6.	Complex Numbers and Quadratic Equations	AUG
7.	Linear Inequalities	AUG
8.	Permutations and Combinations	SEPT
9.	Binomial Theorem	OCT
10.	Sequences and Series	NOV
11.	Straight Lines	DEC
12.	Conic Sections	JAN '20
13.	Principle of Mathematical Induction	JAN '20
14.	Statistics	FEB '20
15.	Probability	FEB '20
16.	Introduction to Three Dimensional Geometry	FEB '20

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT	CHAPTERS	MONTH	MARKS
1.	BENCHMARK - I	1. Derivatives 2. Trigonometric Functions	24 TH JUNE	40
2.	BENCHMARK - II	1. Sequences and Series, 2.Limits , 3.Complex Numbers and Quadratic Equations, 4.Straight Lines	25 TH NOV	40
3.	BENCHMARK - III	1. Straight Lines, 2. Conic Sections	4 TH JAN	40
4.	CLASS TEST- I	Limits and Derivatives	JULY	10
5.	CLASS TEST- II	Complex Numbers and Quadratic Equations	AUG	10
6.	CLASS TEST- III	Sequences and Series	OCT	10
7.	CLASS TEST- IV	Statistics	JAN/ FEB	10
8.	MID TERM	CHAPTER- 1 to CHAPTER- 7	13 TH SEPT	100
9.	FINAL TERM	CHAPTER- 1 to CHAPTER- 15	21 ST FEB	100

PHYSICS (CLASS XI)

- RECOMMENDED BOOKS:- (i) NCERT PHYSICS (TEXT BOOK FOR CLASS XI) VOL I & II
(ii) CBSE CHAMPION CHAPTERWISE-TOPICWISE BY MTG FOR CLASS XI
(iii) NEW SIMPLIFIED PHYSICS BY S. L. ARORA(DHANPAT RAI & CO.)

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SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1	CH:-1. PHYSICAL WORLD	APRIL
2.	CH:-2. UNITS AND MEASUREMENT	APRIL
3.	CH:-3. MOTION IN STRAIGHT LINE	MAY-JUNE
4.	CH:-4.MOTION IN A PLANE	JUNE
5.	CH:-5. LAWS OF MOTION	JULY
6.	CH:-6. WORK, ENERGY AND POWER	JULY
7.	CH:-7. SYSTEM OF PARTICLES AND ROTATIONAL MOTION	JULY-AUG
8.	CH:-8. GRAVITATION	AUG
9.	CH:-9. MECHANICAL PROPERTIES OF SOLIDS	SEPT-OCT
10.	CH:-10. MECHANICAL PROPERTIES OF FLUIDS	OCT-NOV
11.	CH:-11. THERMAL PROPERTIES OF MATTER	NOV
12.	CH:-12. THERMODYNAMICS	DEC
13.	CH:-13. KINETIC THEORY	DEC-JAN
14.	CH :-14. OSCILLATIONS	JAN
15.	CH :-15. WAVES	JAN-FEB

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT	CHAPTER(S) NAME	MONTH	MARKS
1.	BENCHMARK TEST 1	CH 1 , CH 2 & CH 3	JUNE	40
2.	CLASS TEST 1	CH 3 & CH 4	JULY	10
3.	CLASS TEST 2	CH 5 & CH 6	AUG	10
4.	MID TERM EXAM	CH 1,CH 2, CH 3, CH 4, CH 5, CH 6, CH 7, CH 8	SEPT	70
5.	CLASS TEST 3	CH 8 & CH 9	OCT	10
6.	BENCHMARK TEST 2	CH 8, CH 9, CH 10	NOV	40
7.	BENCHMARK TEST 3	CH 10, CH 11, CH 12, CH 13	JAN	40
8.	CLASS TEST 4	CH 12 & CH 13	JAN	10
9.	FINAL TERM EXAM	FULL SYLLABUS	FEB	70
10.	PRACTICALS	PHYSICS PRACTICALS, PROJECTS AND LAB ACTIVITY	APR-DEC	30

BIOLOGY (CLASS XI) (THEORY)

RECOMMENDED BOOKS: NCERT TEXT BOOK, S.CHAND'S REFERENCE BOOK, CBSE CHAMPION (MTG)

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1	THE LIVING WORLD	APRIL
2	BIOLOGICAL CLASSIFICATION (PAGE 2)	MAY

3	PLANT KINGDOM	MAY
4	ANIMAL KINGDOM	JUNE
5	MORPHOLOGY OF FLOWERING PLANTS	JULY
6	ANATOMY OF PLANTS	JULY
7	STRUCTURAL ORGANISATION IN ANIMALS	JULY
8	CELL- THE BASIC UNIT OF LIFE	AUG
9	BIOMOLECULES	AUG
10	CELL CYCLE AND CELL DIVISION	AUG
11	TRANSPORT IN PLANTS	SEPT
12	MINERAL NUTRITION	SEPT
13	PHOTOSYNTHESIS IN HIGHER PLANTS	OCT
14	RESPIRATION IN PLANTS	NOV
15	PLANT GROWTH AND DEVELOPMENT	NOV
16	DIGESTION AND ABSORPTION	NOV
17	BREATHING AND EXCHANGE OF GASES	DEC
18	BODY FLUIDS AND THEIR CIRCULATION	DEC
19	EXCRETORY PRODUCTS AND THEIR ELIMINATION	JAN
20	LOCOMOTION AND MOVEMENT	JAN
21	NEURAL CONTROL AND COORDINATION	JAN-FEB
22	CHEMICAL CONTROL AND COORDINATION	FEB

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESSMENT		MONTH	MARKS
1.	BENCH MARK-I	CH-1,2,3	JUNE	40
2.	CLASS TEST-I	CH-4,5	JULY	20
3.	CLASS TEST-II	CH-6,7	AUG	20
4.	MID TERM	CH-1,2,3,4,5,6,7,8,9,10	SEPT	70
5.	CLASS TEST-III	CH-11,12	OCT	20
6.	BENCH MARK-II	CH-11, 12, 13 (FULL), CH-14(50%)	NOV	40
7.	CLASS TEST-IV	CH-14(50%),15,16(FULL)	DEC	20
8.	BENCH MARK-III	CH-15,16,17,18	JAN	40
9.	FINAL TERM	FULL SYLLABUS	FEB	70

ASANSOL NORTH POINT SCHOOL, CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)

CHEMISTRY (CLASS XI)

RECOMMENDED BOOKS: Modern's ABC BY S.P JOUHAR, NCERT TEXT BOOK, CBSE CHAMPION chapterwise topicwise by MTG for class11

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MONTH WISE SPLIT UP (Teaching as Transaction)

CHAPTER NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1	SOME BASIC CONCEPTS OF CHEMISTRY	APRIL
2	STRUCTURE OF ATOM	MAY
3	CLASSIFICATION OF ELEMENT & PERIODICITY IN PROPERTIES	JUNE
4	CHEMICAL BONDING & MOLECULAR STRUCTURE	JUNE & JULY
5	STATE OF MATTER LIQUIDS & GASES	AUG
6	CHEMICAL THERMODYNAMICS	AUG & SEPT
8	REDOX REACTIONS	OCT
7	EQUILIBRIUM	NOV
12	ORGANIC CHEMISTRY : SOME BASIC PRINCIPLES AND TECHNIQUES	NOV
13	HYDROCARBON (PAGE 3)	DEC

10	S-BLOCK ELEMENTS	JANE
11	P-BLOCK ELEMENTS	JANE&FEB
9	HYDROGEN	FEB
12	ENVIRONMENTAL CHEMISTRY	FEB

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT	CHAPTERS	MONTH	MARKS
1.	BENCHMARK - I	1. Some basic concept of chemistry 2.structure of atom 3.classification of elements &periodicity in properties	24 TH JUNE	40
2.	CLASS TEST- I	4.chemical bonding	JULY	10
3.	CLASS TEST- II	5.state of matter	AUG	10
4.	MID TERM	CHAPTER- 1 to CHAPTER- 6	13 TH SEPT	70
5.	CLASS TEST- III	6.thermodynamices	OCT	10
6.	BENCHMARK - II	6.Thermodynamics 7.Equilibrium 8.Redox	25 TH NOV	40
7.	BENCHMARK - III	10. S-bolck elements 11.P-bolck elements	4 TH JAN	40
8.	CLASS TEST- IV	12. organic chemistry	JAN/ FEB	10
9.	FINAL TERM	CHAPTER- 1 to CHAPTER- 13	21 ST FEB	70

ASANSOLNORTHPOINTSCHOOL,CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)
COMPUTER SCIENCE WITH PYTHON (CLASS XI)

RECOMMENDED BOOKS: Computer Science with Python (REVISED EDITION 2019) by SUMITA ARORA (DHANPATRAI&CO.)

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MONTH WISE SPLIT UP (Teaching as Transaction)

SLNO.	TOPIC(S)/CHAPTER(S)NAME	MONTH
1	CH:5 COMPUTATIONAL THINKING AND GETTING STARTED WITH PYTHON	APRIL
2	CH:6 PYTHON FUNDAMENTALS	APRIL
3.	CH:7 DATA HANDLING	APRIL
4.	CH:1 COMPUTER SYSTEM OVERVIEW	APRIL
5.1	CH:8 CONDITIONAL AND ITERATIVE STATEMENTS TOPICS: 8.1,8.2,8.3,8.4,8.5	JUNE
5.2	CH:8 CONDITIONAL AND ITERATIVE STATEMENTS TOPICS: 8.6,8.7,8.8	JULY
6	CH:9 STRING MANIPULATION	AUG
7.	CH:10 DEBUGGING PROGRAMS	AUG
8.	CH:2 DATA REPRESENTATION	AUG
9.	CH:11 LIST MANIPULATION	AUG
10	CH:12 TUPLES	AUG
11.	CH:13 DICTIONARIES	SEPT
12.	CH:14 UNDERSTANDING SORTING (PAGE 4)	SEPT

13	CH:3 BOOLEAN LOGIC	SEPT
14	CH:15 RELATIONAL DATABASES	OCT
15	CH:16 SIMPLE QUERIES	OCT
17	CH:4 INSIGHT INTO PROGRAM EXECUTION	NOV
18	CH:17 TABLE CREATION AND DATA MANIPULATION COMMANDS	NOV
20	CH:18 BASICS OF NOSQL DATABASE-MONGODB	DEC
21	CH:19 CYBER SAFETY	DEC
22	CH:20 ONLINE ACCESS AND COMPUTER SECURITY	JAN

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT	CHAPTERS	MONTH	MARKS
1.	BENCHMARK TEST 1	CH 1,5,6	JUNE	40
2.	CLASS TEST 1	CH 8	JULY	10
4.	CLASS TEST 2	CH 2	AUG	10
5	PRACTICAL ASSESSMENT	CH: 8,9,11	AUG	20
6.	MID TERM EXAMINATION	CH 1,2,5,6,7,8,9,10,11,12	SEPT	70(TH)+30(P)
8.	CLASS TEST 3	CH: 16	OCT	10
3	BENCHMARK TEST 2	CH 3,13,14,15,16	NOV	40
7	BENCHMARK TEST 3	CH: 9,10,11,15,16,17	JAN	40
9	CLASS TEST 4	CH: 19	JAN	10
10	PRACTICAL ASSESSMENT	CH: 16,17	FEB	20
11	FINAL TERM EXAMINATION	FULL SYLLABUS	MARCH	70(TH)+30(P)

ASANSOL NORTH POINT SCHOOL, CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)

ENGLISH CORE (CLASS XI)

RECOMMENDED BOOKS: SNAPSHOTS, HORNBILL , ALL IN ONE ENG CORE (ARIHANT PUBLICATION)

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1	Literature(Horn Bill)	April
2	Ch1- A Photograph (Poem)	April
	Grammar- Determiners, Rearrange of Words , Error Correction , Omission	April
.	Literature(Snap Shots)	
3	Ch1-The Summer of the Beautiful White Horse .	May
	Writing skill – Report Writing Reading skills –Note Making , Summarizing	May
	ACTIVITIES:- ASL, COMMENTARY ON THE CHARACTERS	MAY
	Literature(Horn Bill)	June
4	Ch1- The Portrait Of A Lady	June
	Literature(Snap Shots)	June
5	Ch-2 The Address	June
	Grammar – Tenses	June
	Writing skill –Notice Writing , Drafting Posters	June
6	Ch-2 We Are Not Afraid To Die, If We Can All Be Together	July
	Literature(Snap Shots)	
7	Ch-3 Ranga’s Marriage	July
8	Ch-4 Albert Einstein at School	July
	Reading skills –Note Making , Summarizing	July
	Writing skill –Article Writing , Business Letters. (PAGE 5)	July

	Grammar – Modals, Reported Speech , Omission Of Words	July
	Literature(Horn Bill)	
9	Ch-3 Discovering Tut :-The Saga Continues	August
10	Ch-4 The Voice Of The Rain (Poem)	August
11	Ch-3 The Laburnum Top (Poem)	August
	Writing skill –Official Letters	August
	Grammar –Error Correction, Dialogue Completion	August
	Reading skill - Note Making ,Summarizing .	August
	ACTIVITIES :- ASL, HOLDING LITERATURE FESTS, SEMINERS, DEBATES	August
	Literature(Horn Bill)	
12	Ch-6 Childhood (poem),	September
	ch-8 Father To Son (Poem)	September
	Writing skill –Letters Of Job Application .	September
	Grammar –Clauses	September
	Literature(Snap Shots)	September
13	Ch-5 Mother’s Day	September
	Writing skill – Letters To The Principal (school, college authorities)	October
	Speech writing	October
	Grammar – Transformation Of Sentences	October
	Literature(Snap Shots)	November
14	Ch-7 Birth	November
	Literature(Horn Bill)	November
15	Ch-4 Landscape of the soul	November
16	Ch-8 Silk road	November
	Writing skill –Advertisement , Narrative Writing ,	November
	ACTIVITIES:-ASL, CREATING THEIR OWN STORIES	November
	Literature(Horn Bill)	December
17	Ch-6 The Browning Version	December
18	Ch-7 Adventure	December
	Literature(Snap Shots)	December
19	Ch-8 The Tale of Melon City ,Ch-6 The Ghat Of The Only World	December
	Writing skill –Editorial Letter.	December
	Grammar – Active And Passive Voice	December
	Reading skill - Note Making ,Summarizing	December
	ACTIVITIES:- ASL, INTRODUCING A BOOK ON THEMES AND SHORT STORIES THROUGH GRAPHICS	JANUARY

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT		MONTH	MARKS
1	First Benchmark test	Literature(Horn Bill)	June	40
		Ch1- A photograph (Poem),		
		Ch1- The Portrait Of A Lady		
		Literature(Snap Shots)		
		Ch1-The Summer Of The Beautiful White Horse		
		Grammar- Determiners, Rearrange of Words error correction		
		Writing skill – Report Writing ,Notice writing, poster making		
		Reading skills –Note Making , Summarizing		
2.	Class test	Ch-2 The Address, Notice writing ,Drafting Posters	July	10
3	Midterm	Contents Taught Up Till August Should Be Followed Including all the writing skills grammar and note making , Summarizing , Comprehension Passages.	September	80(Th)+20 (ASL)
4	Class test	Ch-3 Discovering Tut :-The Saga Continues	august	10
		Ch-4 The Voice Of The Rain (Poem) (PAGE 6)		

		Writing skill –official letters		
		Grammar- Error Corrections		
5	Class test	Ch-5 Mother’s Day	October	10
		Ch-3 The Laburnum Top (Poem)		
		Writing skill – Letters To The Principal (school, college authorities)		
6	Second Benchmark test	Ch-6 Childhood (poem)	November	40
		ch-8 Father To Son (Poem)		
		Ch-4 Landscape of the soul		
		Ch-5 Mother’s Day		
		Writing skill – Letters To The Principal (school, college authorities) Speech writing , advertisements		
		Grammar –Error Correction, Dialogue Completion		
		Rearrange of words, Reading skill - Note Making Summarizing		
7	Third Benchmark test	Ch-6 The Browning Version(Hornbill)	January	40
		Literature(Snap Shots)		
		Ch-6 The Ghat Of The Only World		
		Ch-8 The Tale of Melon City ,		
		Writing skill –Advertisement , Narrative Writing , poster making		
		Reading skill - Note Making ,Summarizing		
		Grammar – Modals, Reported Speech , Omission Of Words		
8	Class test	Literature(Horn Bill)	February	10
		Ch-7 Adventure		
		Ch-8 Silk Road		
		Writing skill –Article Writing , Business Letters.		
9	Final term	Covering 100% of The whole Syllabus including all the Writing Skills , Note Making, Summarizing, Comprehension Passages.	February	80(Th)+20(ASL)

ASANSOL NORTH POINT SCHOOL, CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)

PHYSICAL EDUCATION (CLASS XI)

RECOMMENDED BOOKS: HEALTH AND PHYSICAL EDUCATION (V.K.SHARMA) SARASWATI PUBLICATION

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SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
01.	CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION	APRIL
02.	OLYMPIC MOVEMENT	MAY
03.	PHYSICAL FITNESS,WELLNESS,AND LIFE STYLE	JUNE
04.	PHYSICAL EDUCATION AND SPORTS FOR CWSN	JULY
05.	YOGA	AUGUST
06.	PHYSICAL ACTIVITY AND LEADERSHIP TRAINING	SEPTEMBER
07.	TEST AND MEASUREMENT AND EVALUATION	OCTOBER
08.	FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY	NOVEMBER
09.	KINESIOLOGY,BIOMECHANICS AND SPORTS	NOVEMBER
10.	PSYCHOLOGY AND SPORTS	DECEMBER
11.	TRAINING IN SPORTS	JANUARY
12.	DOPING	JANUARY

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT		MONTH	MARKS
01.	BENCHMARK (01)	CHAPTER 01.02	JUNE	40
02.	MIDTERM	CHAPTER 01.02.03.04.05	SEPTEMBER	70
	PRACTICAL EXAM	ATHLETICS(TRACK AND FIELD EVENT),YOGA, ANY ONE GAME	SEPTEMBER	30
03.	BENCHMARK (02)	CHAPTER – 06.07.02.01	NOVEMBER	40
04.	BENCHMARK (03)	CHAPTER – 08.09.06.07	JANUARY	40
05.	FINALTERM	CH- 10.11.12.01.02.03.04.05.06.07.08.09	FEBRUARY	70
	PRACTICAL EXAM	BMI AND SPORTS AWARDS IN INDIA	FEBRUARY	30