

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

CLASS XII SCIENCE

ENGLISH CORE

RECOMMENDED BOOKS: FLAMINGO-TEXTBOOK FOR CLASS XII (CORE COURSE), VISTAS-SUPPLEMENTARY READER IN ENGLISH FOR CLASS XII CORE COURSE(NCERT), ALL IN ONE ENGLISH CORE FOR CLASS XII (ARIHANT PUBLICATION)

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

i) Month wise Split up for teaching as transaction

ii) Details of Activities & assessments

MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S)NAME	MONTH
1	CH:1 The Last Lesson (Eng Reader-Flamingo)	APRIL
2	CH:1 My Mother at Sixty Six (Poem-Eng Reader Flamingo)	APRIL
3	CH:1 The Third Level (Eng Supplementary Reader-Vistas)	APRIL
4	Writing Skill:- Notice Writing, Article Writing ,Speech Writing Business and Official Letters (Placing an Order, Complaints, Making Enquires, Letter to the Principal, Govt. Officials)	APRIL
5	Reading Skill:- Note Making, Summarizing, Reading Comprehension Passages	APRIL
6	CH:2 Lost Spring (Eng Reader-Flamingo)	MAY
7	CH:2 An Elementary School Class Room in a Slum (Poem- Eng Reader Flamingo)	MAY
8	CH:2 The Tiger King (Eng Supplementary Reader-Vistas)	MAY
9	Assessment of Speaking and Listening Skills	MAY
10	CH:3 Keeping Quiet (Poem Eng Reader Flamingo) Writing Skill-Advertisements, Editorial Letters, Drafting Posters	JUNE
11	Assessment of Speaking and Listening Skills	JUNE
12	CH:4 The Rattrap (Eng Reader Flamingo)	JULY
13	CH:3 Journey to the End of the Earth (Eng Supplementary Reader-Vistas)	JULY
14	CH: 4 The Enemy (Eng Supplementary Reader-Vistas)	JULY
15	Writing Skill- Application for Job, Business Letters- Cancellation Orders, Requests, Report Writing	JULY (PAGE 1)

16	Assessment of Speaking and Listening Skills	JULY
17	CH:5 Indigo (Eng Reader Flamingo)	AUG
18	CH:5 Should Wizard hit Mommy (Eng Supplementary Reader-Vistas)	AUG
19	Reading Skill:- Note Making, Summarizing, Reading Comprehension Passages	AUG
20	Assessment of Speaking and Listening Skills	AUG
21	CH:6 On the face of It (Eng Supplementary Reader-Vistas)	SEPT
22	CH:4 A Thing Of Beauty (Poem-Eng Reader Flamingo)	SEPT
23	CH:6 Poets and Pancakes (Eng Reader Flamingo)	SEPT
24	Writing Skill- Formal and Informal Invitation and Replies, Debate Writing, Drafting Posters and Notice Writing (Revision)	SEPT
25	Assessment of Speaking and Listening Skills	SEPT
26	CH:7 The Interview - Part 1 & Part 2 (Eng Reader Flamingo)	OCT
27	CH:5 A Roadside Stand (Poem-Eng Reader Flamingo)	OCT
28	CH:7 Evans Tries an O-level (Eng Supplementary Reader-Vistas)	OCT
29	Reading Skill(Comprehension Passages)	OCT
30	Assessment of Speaking and Listening Skills	OCT
31	CH:8 Going Places (Eng Reader Flamingo)	NOV
32	CH:6 Aunt Jennifer's Tigers (Poem Eng Reader Flamingo) Writing Skill- Article Writing, Speech Writing, Advertisements, Formal and Informal Invitations (Revision)	NOV
33	Assessment of Speaking and Listening Skills	NOV
34	CH:8 Memories of Childhood (Eng Reader Flamingo) <ul style="list-style-type: none"> • The Cutting of My Long Hair • We Too are Human Beings 	DEC
35	Assessment of Speaking and Listening Skills	DEC
36	Revision of the previous chapters, Writing Skills and Reading Skills	DEC

DETAIL OF ACTIVITIES & ASSESSEMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMENT	CHAPTERS / SYLLABUS	MONTH	MARKS
1.	CLASS TEST I	CH 1 (Eng Reader Flamingo) CH 1 (Poem-Eng Reader Flamingo)	APRIL	10
2.	BENCHMARK TEST-I	CH 1 (Eng Reader Flamingo) CH 1 (Poem-Eng Reader Flamingo) CH 1 (Eng Supplementary Reader-Vistas) Writing Skill-Notice Writing, Drafting Posters, Business Letters (Placing an Order, Complaints), Article Writing Reading Skill-Note Making, Summarizing	MAY	40
3	BENCHMARK TEST II	CH:2 (Eng Reader Flamingo) CH:2 (Poem-Eng Reader Flamingo) CH:2 (Eng Supplementary Reader-Vistas) Writing Skill- Advertisements, Editorial Letters, Speech Writing Reading Skill-Note Making, Summarizing	JULY	40
4.	CLASS TEST II	CH:3 (Eng Reader Flamingo) Writing Skill-Job Application	AUG	10
5	Mid-Tern	CH:1,2,3 & 4 (Eng Reader Flamingo) CH:1,2,3 & 4 (Poem-Eng Reader Flamingo) CH:1,2,3,4 & 5 (Eng Supplementary Reader-Vistas) Writing Skill-Notice Writing, Drafting Posters,	SEPT	80(TH)+20 (ASL) (PAGE 3)

		Advertisements, Formal and Informal Invitation and Replies, Business and Official Letters, Job Application, Editorial Letters, Article Writing, Speech Writing, Report Writing, Debate Writing Reading Skill- Note Making, Summarizing, Comprehension Passages		
6	BENCHMARK TEST III	CH:5 (Eng Reader Flamingo) CH:5 (Poem-Eng Reader Flamingo) CH:6 (Eng Supplementary Reader-Vistas) Writing Skill-Notice Writing, Job Application, Debate Writing Reading Skill-Note Making, Summarizing	OCT	40
7	BENCHMARK TEST IV	CH:6 &7 (Eng Reader Flamingo) CH:6 (Poem-Eng Reader Flamingo) CH:7 (Eng Supplementary Reader-Vistas) Writing Skill- Formal and Informal Invitation and replies, Business and Official Letters, Report Writing Reading Skill-Note Making, Summarizing	NOV	40 (PAGE 4)
8	Pre-Board Examination	Covering 100% Syllabus	JAN	80(TH)

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

CLASS XII SCIENCE

PHYSICS

RECOMMENDED BOOKS: (i) NCERT PHYSICS (TEXT BOOK FOR CLASS XII) VOL I& II{ compulsory}

(ii) CBSE CHAPTERWISE SOLVED PAPERS (2018-2009) BY ARIHANT FOR CL-12{compulsory}

(iii) NEW SIMPLIFIED PHYSICS BY S. L. ARORA (DHANPAT RAI & CO.) {RECOMMENDATION}

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1	CH:-1. ELECTRIC CHARGES AND FIELDS	APRIL
2.	CH:-2. ELECTROSTATIC POTENTIAL AND CAPACITANCE	APRIL
3.	CH:-3. CURRENT ELECTRICITY	MAY
4.	CH:-4. MOVING CHARGES AND MAGNETISM	JUNE
5.	CH:-5. MAGNETISM AND MATTER	JULY
6.	CH:-6. ELECTROMAGNETIC INDUCTION	JULY
7.	CH:-7. ALTERNATING CURRENT	JULY-AUG
8.	CH:-8. ELECTROMAGNETIC WAVES	AUG
9.	CH:-9 RAY OPTICS	AUG
10.	CH:-10. WAVE OPTICS	SEPT
11.	CH:-11. DUAL NATURE OF RADIATION AND MATTER	OCT
12.	CH:-12. ATOMS	NOV
13.	CH:-13. NUCLEI	NOV
14.	CH:-14. SEMICONDUCTOR ELECTRONICS: MATERIALS, DEVICES AND SIMPLE CIRCUITS	DEC

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	ACTIVITY/ASSESEMNT		MONTH	MARKS
	CLASS TEST 1	CH 1& CH 2	APRIL	10
1.	BENCHMARK TEST 1	CH 1 & CH 2	MAY	40
2.	BENCHMARK TEST 2	CH 3, CH 4 & CH 5 (PAGE 6)	JULY	40

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.	BENCHMARK TEST 3	CH 8, CH 9, CH 10	OCTOBER	40
6.	BENCHMARK TEST 4	CH 10, CH 11, CH 12	NOVEMBER	40
8.	PRE BOARD EXAM	FULL SYLLABUS	JANUARY	70
9.	PRACTICALS	PHYSICS PRACTICALS, PROJECTS AND LAB ACTIVITY	APR-DEC	40

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

**CLASS XII SCIENCE
CHEMISTRY**

RECOMMENDED BOOKS: i) NCERT CHEMISTRY (TEXT BOOK FOR CLASS XII) VOL I & II { compulsory }
(ii) CBSE CHAPTERWISE SOLVED PAPERS (2018-2009) BY ARIHANT FOR CL-12 { compulsory }
(iii) Modern's ABC BY S.P JOUHAR

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MONTH WISE SPLIT UP (Teaching as Transaction)

CHAPTER NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
8	D and f block element,	APRIL
10	Haloalkanes and Haloarenes	APRIL
11	Alcohol phenol and ethers	APRIL
13	Organic compound containing nitrogen	MAY
12	Aldehydes ketones & carboxylic acid	JUNE
2	Solution	JULY
9	Co-ordination compound	JULY
3	Electro-chemistry	AUG
6	General principal & isolation of element	AUG
5	Surface chemistry	SEPT
7	P-block	OCT
4	Chemical kinetics	NOV
14	Bio-molecules	NOV
15	polymer	DEC

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT		MONTH	MARKS
1.	CLASS TEST 1	CH 10	APRIL	10
2.	BENCHMARK TEST 1	CH11 CH 10 & CH 8	MAY	40
3.	BENCHMARK TEST 2	CH 2, CH13, CH 12	JULY	40
4.	CLASS TEST 1	CH2 & CH9	AUG	10
5.	MID TERM EXAMINATION	CH 11,CH 2, CH13, CH 12, CH 9, CH 8, CH 10,	SEPT	70
6.	BENCHMARK TEST 3	CH 8, CH 9, CH 10	OCTOBER	40
7.	BENCHMARK TEST 4	CH 5, CH 6, CH 7	NOVEMBER	40
8.	CLASS TEST 2	CH 12 & CH 13	DECEMBER	10
9.	PRE BOARD EXAM	FULL SYLLABUS	JANUARY	70

**ASANSOL NORTH POINT SCHOOL, CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)
CLASS XII SCIENCE
MATHEMATICS**

**RECOMMENDED BOOKS: (1) N.C.E.R.T MATHEMATICS- I & II (2) R.S AGGARWAL
(3) CBSE chapter wise solution by ARIHANT**

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1.	Relations and Functions	APRIL
2.	Inverse Trigonometric Functions	APRIL
3.	Matrices	MAY
4.	Determinants	JUNE
5.	Continuity and Differentiability	JULY
6.	Application of Derivatives	JULY + AUG
7.	Integrals	AUG
8.	Application of Integrals	SEPT.
9.	Differential Equations	SEPT + OCT
10.	Vector Algebra (PAGE 7)	OCT

11.	Three Dimensional Geometry	NOV + DEC
12.	Linear Programming	DEC
13.	Probability	DEC

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESSMENT	CHAPTERS	MONTH	MARKS
1.	CLASS TEST- I	1. Relations and Functions, 2. Inverse Trigonometric Functions	APRIL	10
2.	BENCHMARK - I	1. Relations and Functions, 2. Inverse Trigonometric Functions	6 TH MAY	40
3.	BENCHMARK - II	1. Matrices, 2. Determinants	16 TH JULY	40
4.	CLASS TEST- II	1. Continuity and Differentiability	AUG	10
5.	MID TERM	CHAPTER – 1 to CHAPTER - 7	13 TH SEPT	100
6.	BENCHMARK - III	1. Continuity and Differentiability, 2. Integrals	16 TH OCT	40
7.	BENCHMARK - IV	1. Differential Equations, 2. Vector Algebra	25 TH NOV	40
8.	PRE BOARD	FULL SYLLABUS	4 TH JAN	100

ASANSOL NORTH POINT SCHOOL, CHANDA
SYLLABUS BIFURCATION, ACTIVITIES, ASSESSMENTS (2019-20)
CLASS XII SCIENCE
BIOLOGY

RECOMMENDED BOOKS: NCERT TEXT BOOK XI BIOLOGY , S.CHAND'S REFERENCE BOOK, CHAPTERWISE SOLVE PAPER (ARIHANT)

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
CH-1	REPRODUCTION IN ORGANISMS	APRIL
CH-3	HUMAN REPRODUCTION	APRIL
CH-2	SEXUAL REPRODUCTION IN FLOWERING PLANT	MAY
CH-4	REPRODUCTIVE HEALTH	JUNE
CH-7	EVOLUTION	JULY
CH-5	PRINCIPLES OF INHERITANCE AND VARIATION	JULY
CH-6	MOLECULAR BASIS OF INHERITANCE (PAGE 8)	AUG

CH-8	HUMAN HEALTH AND DISEASE	AUG
CH-9	STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION	AUG
CH-10	MICROBES IN HUMAN WELFARE	SEPT
CH-11	BIOTECHNOLOGY : PRINCIPLES AND PROCESS	SEPT
CH-12	BIOTECHNOLOGY AND ITS APPLICATION	OCT
CH-13	ORGANISMS AND POPULATION	NOV
CH-14	ECOSYSTEM	NOV
CH-15	BIODIVERSITY AND CONSERVATION	DEC
CH-16	ENVIRONMENTAL ISSUES	DEC

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT		MONTH	MARKS
1.	CLASS TEST-I	CH-1	APRIL	10
2.	BENCH MARK-I	CH- 1,3	MAY	40
3.	BENCH MARK-II	CH- 2,4,7	JULY	40
4.	CLASS TEST-II	CH- 6,7	AUG	10
5.	MID TERM	CH-1,2,3,4,5,6,7	SEPT	70
6.	BENCH MARK-III	CH-8,9,10	OCT	40
7.	BENCH MARK-IV	CH-11,12,13,14	NOV	40
8.	PRE BOARD/ MOCK	FULL SYLLABUS	JAN	70

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CLASS XII SCIENCE

COMPUTER SCIENCE WITH PYTHON

RECOMMENDED BOOKS: Computer Science with Python BY SUMITA ARORA (DHANPATRAI&CO.)

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
1	CH:-13 MySQL REVISION TOUR	APRIL
2.	CH:-14.MORE ON MySQL	APRIL
3.	CH:-1 PYTHON REVISION TOUR (PAGE 9)	MAY

4.	CH:-2. PYTHON REVISION TOUR II	MAY
5.	CH:-3 WORKING WITH FUNCTIONS	JUNE
6.	CH:-4 USING PYTHON LIBRARIES	JUNE
7.	CH:-6 RECURSION	JULY
8.	CH:-5 FILE HANDLING	AUG
9.	CH:-7 IDEA OF ALGORITHMIC EFFICIENCY	AUG
10.	CH:-9 DATA STRUCTURES-I : LINEAR LISTS	AUG
11.	CH:-10 DATA STRUCTURES-II : STACKS AND QUEUES	SEPT
12.	CH:-11. COMPUTER NETWORKS-I	OCT
13.	CH:-12 COMPUTER NETWORKS-II	OCT
14.	CH:-8 DATA VISULIZATION USING PYPLOT	NOV
15	CH:-16 INTERFACE PYTHON WITH MYSQL	NOV
16	CH:-17 SOCIETY, LAW AND ETHICS	NOV
17	CH:-15 CREATING A DJANGO BASED BASIC WEB APPLICATION	DEC

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	NAME OF THE ACTIVITY/ASSESEMNT	CHAPTERS	MONTH	MARKS
1.	CLASS TEST 1	CH 14	APRIL	10
2.	BENCHMARK TEST 1	CH 13,14	MAY	40
3.	BENCHMARK TEST 2	CH 1, 2,3	JULY	40
4.	CLASS TEST 2	CH 4,6	AUG	10
5.	MID TERM EXAM	CH 1, 2, 3, 4,5,6,7,13,14	SEPT	70
6.	BENCHMARK TEST 3	CH 9,10,11	OCTOBER	40
8.	BENCHMARK TEST 4	CH 8,11,12,17	NOVEMBER	40
9.	PRE BOARD EXAM	FULL SYLLABUS	JANUARY	70
10.	PRACTICALS	COMPUTER SCIENCE PRACTICALS, PROJECTS AND LAB ACTIVITY	APR-DEC	40

PHYSICAL EDUCATION

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

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MONTH WISE SPLIT UP (Teaching as Transaction)

SL NO.	TOPIC(S)/CHAPTER(S) NAME	MONTH
01.	PLANNING IN SPORTS	APRIL
02.	SPORTS AND NUTRITION	MAY
03.	YOGA AND LIFE STYLE	JUNE
04.	PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY-ABLED	JULY
05.	CHILDREN AND SPORTS	AUGUST
06.	WOMEN AND SPORTS	SEPTEMBER
07.	TEST AND MEASUREMENT IN SPORTS	SEPTEMBER
08.	PHYSIOLOGY AND SPORTS	OCTOBER
09.	SPORTS MEDICINE	OCTOBER
10.	KINESIOLOGY, BIOMECHANICS AND SPORTS	NOVEMBER
11.	PSYCHOLOGY AND SPORTS	DECEMBER
12.	TRAINING IN SPORTS	DEC /JAN

DETAIL OF ACTIVITIES & ASSESSMENTS

SL NO.	ACTIVITY/ASSESEMNT		MONTH	MARKS
01.	BENCHMARK (01)	CHAPTER 01.02	MAY	40
02.	BENCHMARK (02)	CHAPTER 01.02.03	JULY	40
03.	MIDTERM EXAM	CHAPTER – 04. 05.06.01.02.03	SEPTEMBER	70
	PRACTICAL EXAM	AAHPER TEST,TEAM GAME,YOGA AND LIFE STYLE	SEPTEMBER	30
04.	BENCHMARK (03)	CHAPTER – 07.06.05	OCTOBER	40
05.	BENCHMARK (04)	CHAPTER – 08.09.02.03	NOVEMBER	40
06.	MOCKTEST(PRE BOARD EX)	CH-10.11.12.01.02.03.04.05.06.07.08.09	JANUARY	70
	PRACTICAL EXAM	AAHPER TEST,GAME,YOGA,BARROW TEST,RIKLI JONES TEST	JANUARY	30