



**St. XAVIER'S HIGH SCHOOL**

EDUCATION FOR ALL

**BANKURA, WB**  
Affiliation No.: 2430130

Affiliated to CBSE (New Delhi) 10+2 level  
School Code: 15720

**PERIODIC TEST-III Examination 2024 Syllabus**  
**Class-XII-Sci**

DATE	DAY	SUBJECT	MARKS/GRADE
27.09.2024	FRIDAY	DANCE	30
30.09.2024	MONDAY	CHEMISTRY	60
01.10.2024	TUESDAY	MATHEMATICS	60
03.10.2024	THURSDAY	PHYSICAL EDUCATION	60
04.10.2024	FRIDAY	COMPUTER SCIENCE	60
05.10.2024	SATURDAY	PHYSICS	60
07.10.2024	MONDAY	ENGLISH	60
08.10.2024	TUESDAY	BIOLOGY	60

**Subject: English**

Name of Book	Chapter No.	Topic	Page No.
FLAMINGO (Prose)	1	THE LAST LESSON	2-12
	2	LOST SPRING	23-31
	3	DEEP WATER	
FLAMINGO (Poetry)	1	MY MOTHER AT SIXTY SIX	90-91
	2	KEEPING QUIET	95-97
	3	A THING OF BEAUTY	98-99
VISTAS	1	THE THIRD LEVEL	1-7
	3	JOURNEY TO THE END OF THE EARTH	18-23
WRITING	1	NOTICE	
	2	FORMAL/ INFORMAL INVITATION &	

		REPLY	
	3	LETTERS TO THE EDITOR	
READING		UNSEEN PASSAGE	

**Subject: Physics**

Name of Book	Chapter No.	Topic	Page No.
NCERT PHYSICS PART-I AND II	1	ELECTRIC CHARGES AND FIELDS	1-33
	2	ELECTROSTATIC POTENTIAL AND CAPACITANCE	45-73
	3	CURRENT ELECTRICITY	81-100
	4	MOVING CHARGES AND MAGNETISM	107-129
	5	MAGNETISM AND MATTER	136-147
	6	ELECTROMAGNETIC INDUCTION	154-170
	7	ALTERNATING CURRENT	177-194
	8	ELECTROMAGNETIC WAVES	201-215
	9	RAY OPTICS AND OPTICAL INSTRUMENTS	221-240

**Subject: Maths.**

Name of Book	Chapter No.	Topic	Page No.
NCERT	01	Relations and Functions	
NCERT	02	Inverse Trigonometric Functions	
NCERT	03	Matrices	
NCERT	04	Determinants	
NCERT	05	Continuity and Differentiability	

NCERT	07	Integrals	
NCERT	08	Applications of the Integrals	

**Subject: Chemistry**

Name of Book	Chapter No.	Topic	Page No.
<b>NCERT CHEMISTRY BOOK PART I &amp; II</b>	2	SOLUTIONS	35-64
	4	CHEMICAL KINETICS	95-122
	8	THE d & f BLOCK ELEMENTS	215-243
	9	COORDINATION COMPOUNDS	244-267
	10	HALOALKANES & HALOARENES	289-322
	11	ALCOHOLS, PHENOLS & ETHERS	323- 356
	14	BIOMOLECULES	411-432

**Subject: Biology**

Name of Book	Chapter No.	Topic	Page No.
<b>BIOLOGY NCERT- XII</b>	2	SEXUAL REPRODUCTION IN FLOWERING PLANTS	19-41
	3	HUMAN REPRODUCTION	42-56
	4	REPRODUCTIVE HEALTH	57-66
	5	PRINCIPLE OF INHERITANCE AND VARIATION	69-94
	6	MOLECULAR BASIS OF INHERITANCE	95-125
	7	EVOLUTION	126-142
	8	HUMAN HEALTH AND DISEASE	145-164
	10	MICROBES IN HUMAN WELFARE	179-190

**Subject: Computer Science**

Name of Book	Topic
Computer Science With Python	Python Revision Tour
	Python Revision Tour-II
	Working With Functions
	Relational Database
	Simple Queries in SQL
	Table Creation and Manipulation Commands
	Grouping Records, Joins in SQL

**Subject: Physical Education**

Name of Book	Chapter No.	Topic	Page No.
Health and Physical Edu. Saraswati publication	V	Sports and Nutrition	
	Vi	Test and Measurement in sports	
	Vii	Physiology and injuries in sports	
	Viii	Biomechanics and Sports	

**Subject: Dance (Kathak)**

Topic
1. Acquintance of the three gharanas of kathak dance (Lucknow, Jaipur, Banaras)

2. Rasa: definition and explanation of nine rasas.

3. Knowledge of the following terms: (short note) sangeet, tal, laya, angahara, bhramari, lokadharmi, natyadharmi, rasa and bhava.

4. Knowledge of the technical terminology of the dance form.

a) Definition of the following:

i) Vandana

ii) Tihaayi

iii) Aamad

iv) Toda/Tukraa

v) Paran

vi) Chakardar Toda /Tukraa andParan

vii) Gatnikas

viii) Gatbhaav

b) Knowledge of Theka of Dadra, Kaharwa, Roopak.

c) Definition of Tali, Khali, Sam, Tihaayi.

d) Ability to notate a Tukraa/Toda and Paran.