

BIHANI ACADEMY
PREPARATORY EXAMINATION
(SESSION 2020 – 2021)

SUBJECT WISE CONSOLIDATED SYLLABUS SCIENCE DEPARTMENT

GRADE – XII

ENGLISH

SL. NO.	CHAPTER NAME
1.	The Enemy
2.	An Elementary School Classroom in a Slum

PHYSICS

SL. NO.	CHAPTER NAME
1.	Electric charge and field
2.	Electric potential and capacitance
3.	Current electricity
4.	Magnetic effect of current

CHEMISTRY

SL. NO.	CHAPTER NAME
1.	Solid state
2.	Solution
3.	Halo alkanes and halo-arenes
4.	Alcohol , Phenol and ethers

MATHEMATICS

SL. NO.	CHAPTER NAME
1.	Relations and Functions
2.	Inverse Trigonometric Functions
3.	Continuity and Differentiability

4.	Application of Derivatives
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BIOLOGY

SL. NO.	CHAPTER NAME
1.	Sexual Reproduction in Flowering Plants
2.	Human Reproduction
3.	Reproductive Health
4.	Principles of Inheritance & Variation
5.	Molecular Basis of Inheritance

PHYSICAL EDUCATION

SL. NO.	CHAPTER NAME
1.	Planning in sports
2.	Sports and nutrition

IT

SL. NO.	CHAPTER NAME
1.	Database Concepts- RDBMS Tool
2.	Operating Web based Applications

YOGA

SL. NO.	CHAPTER NAME
1.	Introduction to Yoga and yogic practices - II

2.

Introduction to yoga texts - II