ST. XAVIER'S PUBLIC SCHOOL

Unit of "Shiksha Sarthi Educational Trust", Member of "Xavier's Council of India"
Kancharipara, Bombay Road, NH-6, P.O. Bagnan, Dist - Howrah

ENTRANCE TEST SYLLABUS 2021-22

FOR- GRADE XI

Both the Interview and written paper shall be conducted only in ENGLISH. The Candidate should have adequate knowledge of the subject and should be able to converse in English.

ENGLISH LANGUAGE:

1. **Passage study and answering questions.**
2. **Report writing.**
3. **Composition.**
4. **Letter writing.**

MATHEMATICS – Problem sums also.

1. **Matrices.**
2. **Quadratic equations.**
3. **Area of circles.**
4. **Basic trigonometry.**
5. **Arithmetic progression.**
6. **Co-ordinate geometry.**

SCIENCE

1. **Physics.**
   - **A. Force and it's applications.**
   - **B. Light- reflection and refraction.**
   - **C. Electricity.**
   - **D. Human eye and the colourful world.**
2. **Chemistry**
   - **A. Acids, bases and salts.**
   - **B. Organic chemistry.**
   - **C. Electrochemistry.**
   - **D. Chemical bonding and periodic table.**
3. **Biology**
   - **A. Reproduction in plants and animals.**
   - **B. Inheritance/Heredity.**
   - **C. Our environment.**
   - **D. Human excretion.**

Students are required to carry their geometry box, hard board, pens and erasers.

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