

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 IX

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. An idea of passage writing.
2. Picture study
3. Letter writing.
4. Transformation of sentences.

MATHEMATICS – Problem sums also.

1. Exponents/Indices.
2. Simultaneous linear equations.
3. Basic trigonometry.
4. Simple and Compound interests.
5. Profit and loss.
6. Quadrilaterals and triangles as regards angles determination only.
7. Polygons.

SCIENCE (PHYSICS, CHEMISTRY AND BIOLOGY COMBINED)

1. Physics.
 - a. Motion in one dimension.
 - b. Force and it's applications.
 - c. Pressure of liquids and air.
 - d. Thermometry and transmission of heat.
2. Chemistry
 - a. An idea of atomic structure and chemical bonding (ionic and covalent only)
 - b. Carbon and it's compounds (including fuels).
 - c. Electrochemistry.
 - d. Elements, compounds and mixtures including separation of mixtures.
3. Biology
 - a. Cell theory.
 - b.Nutrition in plants.
 - c. Nutrition in animals.
 - d. Circulation in animals (includes blood).

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