

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 2020-21

FOR- CLASS VIII

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 - Noun, its kind (gender/ singular - plural)
- 2 - Pronoun - Personal pronoun
- 3 - Adjective (Degree of comparison)
- 4 - Adverbs
- 5 - Preposition
- 6 - Conjunction
- 7 - Tenses
- 8 - Comprehension/ unseen passage
- 9 - Composition/ Essay/ letter writing (formal/informal).

MATHEMATICS - Problem sums also.

- 1 - Sets concepts - Operation on sets and venn diagrams; Union, intersection, complement, cardinal numbers, use of venn diagrams in solving problems.
- 2 - H.C.F and L.C.M of number (statement problems); LCM & HCF by prime factorization & division, relation between HCF and LCM of two natural numbers.
- 3 - Ratio and Proportion
- 4 - Unitary Method; Direct variation/ Inverse variation
- 5 - Simple interest:- direct problems
- 6 - Averages:- direct problems
- 7 - Algebraic Expressions [addition, subtraction, multiplication, division]
- 8 - Linear Equations In One Variable - solving an equation; problem based on linear equations.
- 9 - Framing of formula, change of subject of a formulae
- 10 - Special products :- $(a+b)^2$, $(a-b)^2$
- 11 - Basic Geometrical Concepts lines and angles; Parallel lines/ transversal; linear pair; vertically opposite angles, corresponding angles, alternate angles, co-interior angles.
- 12 - Circles - radius, diameter.

GENERAL AWARENESS

- 1- Energy and its type
- 2- Major continents of the world
- 3- How do plants multiply
- 4- The local self government

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

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