



Hira Foundation School

A Division of Jamia Darul Uloom Karachi

Admission Test Paper Outline 2015-16 Class VI-Regular

English	Reading Comprehension: Unseen passages Genre: Story, Article, Informative Passage, Letter. Composition: Letter (Formal, Informal) Report, Essay, Story, Paragraph Writing, Personal Account.
Mathematics	Factors & Multiples, Fractions, Evaluation, Decimals, Triangles
Urdu	محاورات، مضمون نویسی، خط، نقی، ترجمہ نویسی (جملوں میں)، واحد جمع، درخواست۔
Science	Forces, The unit of life-cell, Life cycle of a flowering plant

Admission Test Paper Outline 2015-16 Class VII-Regular

English	Reading Comprehension: Unseen passages Genre: Story, Article, Informative Passage, Letter. Composition: Letter (Formal, Informal) Report, Essay, Story, Paragraph Writing, Personal Account.
Mathematics	Fractions, Evaluation, Decimals, Basic Algebra, Percentage & Averages, Geometry
Urdu	مضمون نویسی، تفہیم، محاورات، ضرب المثل، خطوط نویسی، ترجمہ نویسی، واحد جمع، مذکر مؤنث۔
Science	1) Cells basic structure of cell. Cells, tissue and organs 2) States of matter solid, liquid and gas. 3) Forces and motion.



Admission Test Paper Outline 2015-16
Class VIII-Regular

English	Reading Comprehension: Unseen passages Genre: Story, Article, Informative Passage, Letter. Composition: Letter (Formal, Informal) Report, Essay, Story, Paragraph Writing, Personal Account.
Mathematics	Area and perimeter, Factorization, Volume and Surface Area, Basic Geometrical Concepts
Urdu	کہانی نویسی یا منظر کشی، مضمون نویسی، ضرب المثل اور محاورات، مذکر مؤنث، تفہیم، ترجمہ نویسی (پیرا گراف)۔
Science	(1) Healthy Diet (i) Nutrients (ii) Carbohydrates (iii) Fats (iv) Protein (v) Vitamins (vi) Minerals (2) The Particle Theory (i) Matter (ii) States of Matter (iii) Solid, Liquid & Gas (3) Change of States of Matter (i) Melting (ii) Freezing (iii) Evaporation (iv) Boiling (v) Condensation (vi) Diffusion (4) Speed (i) Definition (ii) Formula (iii) Measuring Instrument

Admission Test Paper Outline 2015-16
Class IX-O

English	Reading Comprehension: Unseen passages Genre: Story, Article, Informative Passage, Letter. Composition: Letter (Formal, Informal) Report, Essay, Story, Paragraph Writing, Personal Account.
Mathematics	Algebraic Equation, Directly Inversely Proportions, Indices & Standard Form, Factorization, Pythagoras Theorem, Simultaneously Equation
Urdu	خطوط نویسی، Cloze Passage، خالی جگہیں مناسب الفاظ سے پُر کرنا۔
Science	The structure of atom, Density, Pressure in solid, Pressure in liquid, Pressure in gases, Photosynthesis, Diffusion



Admission Test Paper Outline
MATHEMATICS CLASS VI

1. Factors & Multiples:

- (a) Finding prime factors, all factors of a given number.
- (b) Finding multiples of given number in a range e.g. multiples of 5 from 50 to 80.
- (c) Finding LCM of two numbers.
- (d) Finding HCF of two numbers.

2. Fractions:

- (a) Addition / Subtraction / Multiplication / Division of common fractions.
- (b) Addition / Subtraction / Multiplication / Division of mixed numbers. (with common denominators)

E.g. $\frac{1}{8} + \frac{3}{8}$, $\frac{8}{15} - \frac{3}{15}$

3. Evaluation:

- (a) Using BODMAS for evaluating expressions.
E.g. $4(2 \times 3 + 10 \times 2) \div 2 + 10$

4. Decimals:

- (a) Addition / Subtraction / Multiplication / Division of decimal numbers (upto 2 decimal places)

5. Triangles:

- (a) Calculating area of Δ from base and height.

Note: Word problem from any topic mentioned above.



Admission Test Paper Outline MATHEMATICS CLASS VII

1. Fraction:

- (a) Addition / Subtraction / Multiplication / Division of common fractions and mixed numbers (with / without same denominators).

E.g. $\frac{3}{4} + 2\frac{1}{8}$

2. Evaluation:

- (a) Using BODMAS for evaluating expressions.

E.g. $4(2 \times 3 + 10 \times 2) \div 2 + 10$

3. Decimals:

- (a) Addition / Subtraction / Multiplication / Division of decimal numbers (upto 2 decimal places)

4. Basic Algebra:

- (a) Addition / Subtraction of “like” terms.

E.g. $2x + 3y + 2x - y$

- (b) Multiplication of term with one / two variables.

5. Percentage & Average:

- (a) Calculating simple percentage.
(b) Calculating average of 3 to 5 numbers.

6. Geometry:

- (a) Drawing lines in cm / mm.
(b) Draw angle $0^\circ - 180^\circ$.
(c) Calculating: i) Area of rectangle / parallelogram
ii) Volume of cube / cuboid

Note: Word problem from any topic mentioned above.

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