

THE UMMED INTERNATIONAL SCHOOL

ABU ROAD



SYLLABUS FOR APTITUDE TEST

SYLLABUS FOR CLASS - I
ENGLISH

- Use of a/an
- One and many
- Gender
- Use of this/that, these/those
- Complete sentence
- Opposite words
- Prepositions
- Yes/No questions

MATHEMATICS

- * Number names
- * Counting
- * Missing numbers
- * Comparison (using $>$, $=$, $<$)
- * Greater than, less than
- * Numbers comes after, before and between
- * Backward counting
- * Addition of 2-digit numbers without carrying
- * Recognizing the shapes
- * Comparison of heavy & light, tall & short objects

HINDI

स्वर, व्यंजन का ज्ञान

मात्राओं का ज्ञान

रंगों, फलों और सब्जियों के नाम

चित्र पहचान कर शब्द लिखना।

SYLLABUS FOR CLASS - II

ENGLISH

Student should be able to

1. Identify and write the Gender
2. Antonyms (Opposites)
3. Articles –a, an & the
4. Number (Singular and plural)
5. Identifying Verbs(Doing Words)
6. Picture comprehension

MATHEMATICS

- * Counting (1-1000)
- * Number names and write in figures (1-1000)
- * Ascending and descending order (1-1000)
- * Skip counting , number comes after and number comes before
- * Addition (2 and 3 digit numbers) with and without carrying and word problems.
- * Subtraction (2 and 3 digit numbers) with and without borrowing and word problems.
- * Multiplication of number using tables 2 to 9.
- * Place value (till hundreds)
- * Expanded form of numbers
- * Reading numbers from abacus figure.

HINDI

लिंग, वचन, विलोम शब्द, पर्यायवाची शब्द
अनेक शब्दों के लिए एक शब्द, समान तुक वाले शब्द
मात्राओं का ज्ञान, शब्द ज्ञान, वाक्य बनाओ।

SYLLABUS FOR CLASS - III

ENGLISH

Student should be able to

1. Comprehend a passage and answer the questions that follow
2. Rearrange words to frame meaningful sentences
3. Identifying Nouns

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4. Articles(a, an & the)
 5. Number (Singular and plural)
 6. Gender
 7. Antonyms
 8. Picture Composition

MATHEMATICS

- * Numbers & Number names (3 and 4 digit numbers)
- * Ascending and Descending order
- * Put the sign $>$, $<$, $=$
- * Successor, Predecessor, Place Value (4 digit numbers)
- * Expanded form (4 digit numbers)
- * Addition and Subtraction (3 and 4 digit numbers) and word problems.
- * Multiplication (2 and 3 digit numbers by single digit)
- * Division (3 digit numbers by single digit number)
- * Fractions (Representation of fractions, proper fractions, to write fractions in words)
- * Reading time from the clock and drawing clock for the given time.

HINDI

लिंग, वचन, विलोम शब्द, पर्यायवाची शब्द
मात्राओं का ज्ञान, शब्द ज्ञान, संज्ञा, सर्वनाम
अनेक शब्दों के लिए एक शब्द।

SYLLABUS FOR CLASS - IV

FUNCTIONAL/COMMUNICATIVE ENGLISH

The test does not aim at checking rigid rules of grammar, but at evaluating the student's command over the language, his fluency of expression, vocabulary, originality of thoughts and ideas. The student should be able to do the following :-

1. Write an essay in 150-200 words on a given topic.
2. Write a story or a short composition based on a picture.
3. Comprehend an unseen passage and answer questions based on it, write the meanings and opposites of words from the passage and frame structure with words taken from the passage.

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4. Simple Tenses (Past, Present and Future).
 5. Verb forms
 6. Prepositions.
 7. Articles.
 8. Identification of correct spelling.

MATHEMATICS

1. Numbers:- Reading and writing of 4 digit numbers, place value and face value of numbers, Ascending and descending order, comparing of numbers, predecessor and successor of a number, forming greatest and smallest numbers using given set of 5 digits.
2. Operation in Numbers:- Word problems of addition and subtraction, framing problems for addition and subtraction facts.
3. Multiplication:- By one or two digit numbers, word problems based on multiplication. Division by a single digit number, word problems based on division.
4. Fractions:- Concept of $1/2$, $1/3$, $1/4$, $2/3$, $3/4$ etc., Representation of fractional part in the given figure.
5. Time:- Counting number of days from a given date to another date from a months and dates; counting the hours and minutes and reading the time from the clock.
6. Measurement:- (Length, Mass, Capacity) : Standard units of length, mass and capacity, addition and subtraction of units
7. Pictorial Representation of Data :- Reading and interpreting a pictograph.
8. Geometry:- Drawing 2-dimentional shapes (triangle, rectangle, square & circles)

हिन्दी

1. अपठित गद्यांश पर आधारित प्रश्नोत्तर, शब्दार्थ, विलोम, पर्यायवाची शब्द ।
2. मुहावरों के अर्थ व प्रयोग ।
3. व्याकरण-संज्ञा, सर्वनाम, विलोम, पर्यायवाची, लिंग, वचन, अशुद्ध शब्दों की शुद्धि, अंग्रेजी शब्दों का हिन्दी पर्याय, वाक्यांश के लिए एक शब्द ।
4. वर्ण विचार, शब्द विचार ।
5. निबंध - लेखन या चित्र को देखकर कहानी या अनुच्छेद लेखन ।

SYLLABUS FOR CLASS - V

FUNCTIONAL/COMMUNICATIVE ENGLISH

The test does not aim at checking rigid rules of functional grammar skills, but at evaluating the student's command over the language, his fluency of expression, vocabulary, originality of thoughts and ideas.

The student should be able to do the following:-

1. Write a composition on a given topic (150 - 200 words).
2. Write a story or a short composition based on a picture or series of pictures .
3. Comprehend an unseen passage and answer questions based on it, write the meaning and opposites of words from the passage and frame sentences with words taken from the passage.
4. Attempt Questions based on the functional use of grammar -
 - i. Verb forms.
 - ii. Punctuate sentences.
 - iii. Prepositions
5. Identification of correct spelling.

MATHEMATICS

1. Regional and Roman Numbers:- Representation of Hindu Arabic numbers in Roman numbers and vice versa.
2. The Number System:- Place value and face value of numbers, Prime and composite numbers, Odd and even numbers, predecessor and successors of a number. Ascending and descending order.
3. Operation in Numbers:- Addition and subtraction of 4 or 5 digits.
Multiplication of a 4 digit number by a 2 or 3 digits number.
Division of 4 or 5 digits numbers by one or two digits number.
Word problems based on addition, subtraction, multiplication and division.
4. Factors and multiples, test of divisibility of numbers by 2,3,5,6,9,10. LCM & HCF.
5. Fractional Numbers:- Concept of fractions, types of fractions, equivalent fraction, addition and subtraction of fractional numbers, like & unlike fractions, proper and improper fractions.
6. Money:- Conversion rupees to paise, addition and subtraction of money, preparation of bill, Unitary method, word problems of money based on addition and subtraction.

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7. Time:- Reading of clock time to the nearest hours and minutes, expression of time using terms 'a.m. ' and 'p.m.' Conversion of time from one unit to other unit and hour to min, min to sec etc. Word problems based on time.
 8. Measurement:- (Length, Mass, Capacity) : Conversion of units of length, mass and capacity. Addition and subtraction of length, mass and capacity, conversion of units. Word problem based on addition and subtraction of length, mass and capacity.
 9. Data Handling:- Pictorial representation of data, interpreting a pictograph and bar graph.
 10. Geometry:- Line segment, ray, line, angles, measuring angles, types of an angles, triangles, quadrilaterals, circle, construction of circle, symmetry, perimeter and area of rectangle and square. Word problems based on area and perimeter.

हिन्दी

1. अपठित गद्यांश पर आधारित प्रश्नोत्तर, शब्दार्थ, विलोम, पर्यायवाची शब्द।
2. निबंध - लेखन या चित्र को देखकर कहानी या अनुच्छेद लेखन।
3. व्याकरण - संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, लिंग, वचन, अशुद्ध शब्दों की शुद्धि, अंग्रेजी शब्दों का हिन्दी पर्याय।
4. वर्ण विचार, शब्द विचार। 5. मुहावरों के अर्थ व प्रयोग।
6. पत्र - लेखन (निजी या प्रार्थना)

SYLLABUS FOR CLASS - VI

FUNCTIONAL/COMMUNICATIVE ENGLISH

The test does not aim at checking rigid rules of functional grammar skills, but at evaluating the student's command over the language, his fluency of expression, vocabulary, originality of thoughts and ideas.

The student should be able to do the following:-

1. Write a composition on a given topic.
2. Write a story or a composition based on a given picture or a series of picture.
3. Comprehend an unseen passage and answer questions based on it, write the meaning and opposites of words from the passage and framing of the sentences with words taken from the passage.
4. Workout sentences based on the functional use of grammar
 - i. Preposition
 - ii. Verb forms
 - iii. Conjunctions

MATHEMATICS

1. Numbers :- Fundamental operations including BODMAS rule.
2. L.C.M & H.C.F :- Factors (All & Prime), Multiples, L. C.M, H.C.F, properties of L.C.M and H.C.F., Prime factorization.
3. Fractional Numbers :- Addition, subtraction, multiplication and division of fraction. Division of fractional numbers, conversion of mixed fraction to Improper fractions and vice-versa, equivalent fraction, lowest form.
4. Decimal Number :- Place value, Expanded form, Conversion of fraction to decimals or percentages or vice-versa, word problems.
5. Measurement :- Unit of length, mass, capacity, conversion of one unit to other. Addition and subtraction. Problems related to daily life.
Time:- Conversion of units and 24 hour clock time, Addition, Subtraction.
6. Money Transaction :- Introduction, Unitary Method, Profit and loss.
7. Pictorial Representation of Data:- Pictograph (Collection, Recording of data) Drawing of pictograph.
8. Basic Geometrical Concepts :- Line, Ray, Segment, Construction of angles, Construction of circle, classification of angles.
9. Triangles :- Sum of the Angles of a triangle, Types of triangles.
10. Circle :- All definitions, Finding of radius, diameter and circumference.
11. Perimeter, Area and Volume:- Introduction of concepts. Finding perimeter and area of rectangle and square, Finding volum of cube and cuboid.

हिन्दी

1. अपठित गद्यांश पर आधारित प्रश्नोत्तर, शब्दार्थ, विलोम, पर्यायवाची शब्द ।
2. निबंध - लेखन या चित्र पर आधारित कहानी या अनुच्छेद लेखन ।
3. व्याकरण - विलोम, पर्यायवाची, वाक्यों का शुद्धिकरण, कारक, विराम-चिह्न वाक्यांश के लिए एक शब्द, अंग्रेजी शब्दों का हिन्दी पर्याय ।
4. वर्ण विचार, शब्द विचार ।
5. मुहावरों के अर्थ व प्रयोग ।
6. औपचारिक या अनौपचारिक पत्र - लेखन ।

SYLLABUS FOR CLASS - VII
FUNCTIONAL/COMMUNICATIVE ENGLISH

The test does not aim at checking rigid rules of grammar, but at evaluating the student's command over the language, his fluency of expression, vocabulary, originality of thoughts and ideas.

The student should be able to do the following:-

1. Write a composition on a given topic.
2. Unseen passage (Prose/Poem) - questions, meanings, sentences, opposites etc.
3. Write a short story based on a given picture.
4. Write an "informal letter."
5. Tenses/Verb forms.
6. Parts of speech (noun, pronoun, adverb, adjective, verb, conjunction, preposition and interjection).
7. Indification of correct speclling.
8. Modals.

MATHEMATICS

1. Arithmetic: Different operations on whole numbers, problems related to LCM, HCF, ratio proportion, percentage and its applications. Addition, subtraction, multiplication and division, comparison, word problem on fractions, decimals and integers, representation of fractions on a number line, roman numbers.
2. Algebra: Operations on algebraic expressions (add/sub), linear equations with one variable.
3. Geometry: All types of angles, lines (pair of lines and transversal), types of triangles and quadrilateral, construction of bisector of lines and angles.
4. Mensuration: Perimeter and area of rectangle and square using formula, perimeter of triangle, components of circle.
5. Data handling: Reading and drawing of pictograph and bar graph.

हिन्दी

1. अपठित गद्यांश पर आधारित प्रश्नोत्तर, शब्दार्थ, विलोम, पर्यायवाची शब्द।
2. औपचारिक या अनौपचारिक पत्र - लेखन।

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3. अनुच्छेद लेखन, निबंध लेखन (संकेत बिन्दुओं के आधार पर) या चित्र के आधार पर घटना, दृश्य आदि का वर्णन।
 4. मुहावरों व लोकोक्तियों के अर्थ व प्रयोग।
 5. व्याकरण – वाक्य, वाक्य-रचना, लिंग, वचन, विलोम, पर्यायवाची, वाक्यों का शुद्ध – लेखन, अंग्रेजी शब्दों का हिन्दी पर्याय।
 6. वर्ण विचार, शब्द विचार।

SYLLABUS FOR CLASS - VIII

FUNCTIONAL/COMMUNICATIVE ENGLISH

The test does not aim at checking rigid rules of functional grammar skills, but at evaluating the student's command over the language, his fluency of expression, vocabulary, originality of thoughts and ideas.

The student should be able to do the following:-

1. Write a composition on a given topic.
2. Unseen passage (Prose/Poem) - questions, meanings, sentences, opposites etc.
3. Write a short story based on a given picture.
4. Formal/Informal letter.
5. Verb forms
6. Antonyms /Synonyms
7. Parts of speech (noun, pronoun, adverb, adjective, verb, conjunction, preposition, and interjection).
8. Narration
9. Identification of correct spelling.

MATHEMATICS

1. Arithmetic: Integers, fractions, decimals, rational numbers, exponents, ratio and proportion, unitary method, percentage, profit / loss, simple interest.
2. Algebra: Addition, subtraction and finding value of algebraic expressions. Linear equation in one variable.
3. Geometry: Linear pair, types of angles, pair of lines and transversal, types of triangle, angle sum property, right angled triangle. Circle & its properties , parallelogram and its properties.

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4. Construction: Construction of different angles, construction of triangles , construction of parallel lines.
 5. Mensuration: Perimeter and area of a square, rectangle, parallelogram and triangle. Circumference and area of circle.
 6. Data handling: Reading and drawing of pictograph and bar graph.

हिन्दी

1. निबंध – लेखन – किसी एक विषय में लगभग 200 शब्दों में एक निबंध, अनुच्छेद लेखन, चित्र वर्णन।
2. शुद्ध कीजिए – वाक्य शोधन या अशुद्ध शब्दों को शुद्ध करना।
3. अपठित गद्यांश – प्रश्नोत्तर, शब्दार्थ, विलोम, पर्यायवाची, अनेकार्थी से संबंधित प्रश्न।
4. अनुवाद – शब्द और वाक्य का अंग्रेजी से हिन्दी में अनुवाद।
5. वर्ण विचार, शब्द विचार।
6. सामान्य व्याकरण – संधि (स्वर संधि), उपसर्ग, प्रत्यय, तत्सम, तद्भव शब्द, मुहावरे, वाक्य ज्ञान व वाक्य भेदों का सामान्य ज्ञान।
7. पत्र – लेखन – औपचारिक या अनौपचारिक पत्र।

