

SYLLABUS OF ENGLISH FOR ENTRANCE TEST**ENGLISH (CLASS-IV)**

1. Composition (Writing 8 to 10 sentences on one of the given topics.)
2. Unseen Passage or Comprehension
3. Grammar
 - (a) Synonyms
 - (b) Antonyms
 - (c) Number
 - (d) Gender
 - (e) Negatives
 - (f) Interrogatives
 - (g) Articles
 - (h) Forms of Verbs
 - (i) Use of words in sentences
 - (j) Correction of mis-spelt words

ENGLISH (CLASS-V)

1. Composition (Writing 10 to 12 sentences on one of the given topics.)
2. Unseen passage or Comprehension
3. Application for leave
4. Grammar
 - (a) Synonyms
 - (b) Antonyms
 - (c) Number
 - (d) Gender
 - (e) Negatives
 - (f) Interrogatives
 - (g) Articles
 - (h) Forms of Verbs
 - (i) Use of words in sentences
 - (j) Correction of mis-spelt words
 - (k) Tenses
 - (l) Question Tags
 - (m) Prepositions
 - (n) Pairs of words often confused, e.g. cell-sell

ENGLISH (CLASS-VI)

1. Composition (Writing a paragraph of about 120 words.)
2. Unseen Passage or Comprehension
3. Application for leave & Letters to friends or relatives
4. Grammar
 - (a) Synonyms
 - (b) Antonyms
 - (c) Number
 - (d) Gender
 - (e) Negatives
 - (f) Interrogatives
 - (g) Articles
 - (h) Forms of Verbs
 - (i) Use of words in sentences
 - (j) Correction of mis-spelt words
 - (k) Tenses
 - (l) Pairs of words often confused, e.g. dear, deer

- (m) Question Tags
- (n) Prepositions
- (o) Change from Direct Speech to Indirect Speech
- (p) Change from Active Voice to Passive Voice

ENGLISH (CLASS-VII)

1. Composition (Writing a paragraph of 120 to 150 words.)
2. Unseen Passage or Comprehension
3. Formal & Informal Letters
4. Re-writing the sentences as directed
5. Grammar
 - (a) Synonyms
 - (b) Antonyms
 - (c) Negatives
 - (d) Interrogatives
 - (e) Articles
 - (f) Conjunctions
 - (g) Forms of Verbs
 - (h) Use of words in sentences
 - (i) Correction of mis-spelt words
 - (j) Tenses
 - (k) Pairs of words often confused, e.g. hair, hare
 - (l) Question tags
 - (m) Prepositions
 - (n) Change from Direct Speech to Indirect Speech
 - (o) Change from Active Voice to Passive Voice

ENGLISH (CLASS-VIII)

1. Composition & Letter writing
2. Unseen Passage or Comprehension
3. Grammar
 - (a) Articles-a, an, the
 - (b) Active Voice and Passive Voice
 - (c) Tenses
 - (d) Prepositions
 - (e) The same words used as different parts of speech
 - (f) Words confused or misused, e.g. dear and deer
 - (g) Correction of mis-spelt words
 - (h) Direct and Indirect Speech

ENGLISH (CLASS-IX)

1. Agreement of the Verb with the Subject
2. Composition and Letter Writing
3. Comprehension or Unseen Passage
4. Grammar
 - (a) Transformation of Sentences
 - (b) Sequence of tenses
 - (c) Infinitives
 - (d) Gerund
 - (e) Prepositions
 - (f) Direct and Indirect Speech

- (g) Active Voice and Passive Voice
- (h) Usage of articles-a, an, the
- (i) Pairs of words often confused or misused, e.g. root, route

SYLLABUS OF MATHEMATICS FOR ENTRANCE TEST

MATHEMATICS (CLASS-IV)

1. Number System: Writing number names, writing numerals for number names, arranging numbers in ascending and descending order (3 digits), successor and predecessor of a number, comparison of two numbers.
2. Addition and subtraction of numbers up to 3 digits. Simple application of addition and subtraction.
3. Multiplication and division of a 3-digit number with one digit.
4. Concept of fractions (identifying or writing numerator and denominator and shading of fractions).
5. Reading of time from the given figures.
6. Knowledge of tables from 2 to 20.

MATHEMATICS (CLASS-V)

1. Number System: Number names and numerals, arranging numbers in ascending or descending order up to (4-5 digits), successor and predecessor, comparison of numbers.
2. Addition and subtraction of numbers up to 4 digits. Simple application of addition and subtraction.
3. Multiplication and division of a 3-4-digit number with a 2-digit number.
4. Addition and subtraction of fractions with same denominator, equivalent fractions.
5. Problems based on measuring length, weight, time, money, etc.
6. Identifying shapes (rectangles, squares, cubes, cuboids, triangles, etc). Writing the edges, faces and vertices of the shapes.
7. Knowledge of tables from 2 to 20.

MATHEMATICS (CLASS-VI)

1. Number System: Concept of integers (addition and subtraction), fractions (addition and subtraction with different denominators), decimals (addition and subtraction), even, odd, prime and composite numbers, factor and multiples.
2. Knowledge of profit and loss, average, ratio and percentage.

3. Mensuration: Knowledge of units of measurement (conversions: m to cm, m to km, etc). Perimeter of any closed figure, Area of Rectangle and Square.
4. Geometry: Drawing lines and angles of given measure using scale and protractor. Measuring given angles, naming the angles, etc.

MATHEMATICS (CLASS-VII)

1. Number System: Basic Mathematical Operation over integers and fractions. HCF, LCM (Prime factors and other methods), BODMAS (Application in fractions), Decimal (Operations over decimals).
2. Knowledge and Application of Average, Unitary Method, Percentage, Profit & Loss and Simple Interest (Simple Cases only).
3. Algebra & Geometry: Addition, Subtraction and Multiplication (Simple cases of Monomials and Polynomials). Construction of angles, knowledge of angles and their application in simple cases.
4. Perimeter & Area of Rectangle & Square.

MATHEMATICS (CLASS-VIII)

1. Number System: Knowledge and application of HCF & LCM, Square root (Factor method) and simple problems based on these topics. Mathematical operations, BODMAS over set of numbers, Decimals.
2. Unitary method, Ratio (expressing ratio in the lowest form, fraction and decimal), speed time and distance problems, Profit and Loss, Simple interest (calculating interest, rate, time etc.) and Average.
3. Basic operations, Expansions like $(a \pm b)^2$, $a^2 - b^2$; solving linear equations in one variable.
4. Knowledge and application of lines and angles (This includes parallel lines, transversal etc). Construction of triangle in simple cases.
5. Perimeter and Area of Rectangle & Square, Volume of cuboid and cube. Knowledge of set theory and Venn diagram.

MATHEMATICS (CLASS-IX)

1. Number System: Concept of ratio, unitary method, speed, distance, time, percentage, simple interest, profit & loss as percentage. Square root by factor method and long division method. Addition, subtraction and multiplication of integers and rational numbers using BODMAS.

2. Algebra: Product of binomial with binomial and trinomial, expansions $(a \pm b)^2$, $a^2 - b^2$; writing degree, coefficient of a polynomial, addition, multiplication and subtraction of simple algebraic expressions.
3. Mensuration: Area and perimeter of plane figures (rectangle, square, triangle, etc.), volume & surface areas of cubes and cuboids.

SYLLABUS OF GENERAL PAPER (CLASS VII, VIII & IX)

The General Paper will consist of Objective Type Questions (25) covering the following:

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| (i) History | (ii) Geography |
| (iii) Science | (iv) General Knowledge |

**SYLLABUS OF GENERAL KNOWLEDGE PAPER
(CLASS IV, V & VI)**

There will be a paper on General Knowledge based on general awareness for Class IV, V and VI.

**SYLLABUS OF HINDI (CLASS IV, V & VI)
HINDI (CLASS-IV)**

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|----------------------------------------------------|----------------------|
| 1. गद्यांश (नीचे दिए गए प्रश्नों के उत्तर लिखिए ।) | 3. वचन बदलो । |
| 2. लिंग बदलो । | 4. विलोम शब्द । |
| 4. विलोम शब्द । | 5. पर्यायवाची शब्द । |
| 6. पत्र-लेखन । | 7. प्रस्ताव-लेखन । |

HINDI (CLASS-V)

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|----------------------------------------------------|----------------------|
| 1. गद्यांश (नीचे दिए गए प्रश्नों के उत्तर लिखिए ।) | 3. वचन बदलो । |
| 2. लिंग बदलो । | 4. विलोम शब्द । |
| 4. विलोम शब्द । | 5. पर्यायवाची शब्द । |
| 6. वाक्यांश । | 7. संज्ञा । |
| 8. सर्वनाम । | 9. मुहावरे । |
| 10. पत्र-लेखन । | 11. प्रस्ताव-लेखन । |

HINDI (CLASS-VI)

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|----------------------------------------------------|----------------------|
| 1. गद्यांश (नीचे दिए गए प्रश्नों के उत्तर लिखिए ।) | 3. वचन बदलो । |
| 2. लिंग बदलो । | 4. विलोम शब्द । |
| 4. विलोम शब्द । | 5. पर्यायवाची शब्द । |
| 6. वाक्यांश । | 7. संज्ञा । |
| 8. सर्वनाम । | 9. काल । |
| 10. विशेषण । | 11. मुहावरे । |
| 12. पत्र-लेखन । | 13. निबंध-रचना । |

सिलेबस दाखला टैसट कलास - (IV)

1. ਪੰਜਾਬੀ ਵਿੱਚ ਇੱਕ ਅਣਡਿੱਠਾ ਪੈਰਾ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਉਸ ਪੈਰੇ ਵਿੱਚੋਂ ਹੀ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ।
2. ਲੇਖ ਲਿਖਣ ਲਈ ਦੋ ਜਾਂ ਤਿੰਨ ਵਿਸ਼ੇ ਦਿੱਤੇ ਹੋਣਗੇ, ਉਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ 'ਤੇ ਲੇਖ ਲਿਖੋ ।
3. ਲਿੰਗ ਬਦਲੋ ।
4. ਵਚਨ ਬਦਲੋ ।
5. ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ ।
6. ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ ਲਿਖੋ ।
7. ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਸਪੱਸ਼ਟ ਕਰਦੇ ਹੋਏ ਵਾਕ ਬਣਾਓ ।
8. ਖਾਲੀ ਥਾਂਵਾਂ ਭਰੋ ।

ਸਿਲੇਬਸ ਦਾਖਲਾ ਟੈਸਟ ਕਲਾਸ - (V)

1. ਪੰਜਾਬੀ ਵਿੱਚ ਇੱਕ ਅਣਡਿੱਠਾ ਪੈਰਾ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਉਸ ਪੈਰੇ ਵਿੱਚੋਂ ਹੀ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ।
2. ਲੇਖ ਲਿਖਣ ਲਈ ਦੋ ਜਾਂ ਤਿੰਨ ਵਿਸ਼ੇ ਦਿੱਤੇ ਹੋਣਗੇ, ਉਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ 'ਤੇ ਲੇਖ ਲਿਖੋ ।
3. ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਉੱਤੇ ਅਰਜ਼ੀ/ਪੱਤਰ ਲਿਖਣ ਲਈ ਦਿੱਤਾ ਹੋਵੇਗਾ ।
4. ਲਿੰਗ ਬਦਲੋ ।
5. ਵਚਨ ਬਦਲੋ ।
6. ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ ।
7. ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ ਲਿਖੋ ।
8. ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਸਪੱਸ਼ਟ ਕਰਦੇ ਹੋਏ ਵਾਕ ਬਣਾਓ ।
9. ਖਾਲੀ ਥਾਂਵਾਂ ਭਰੋ ।

ਸਿਲੇਬਸ ਦਾਖਲਾ ਟੈਸਟ ਕਲਾਸ - (VI)

1. ਪੰਜਾਬੀ ਵਿੱਚ ਇੱਕ ਅਣਡਿੱਠਾ ਪੈਰਾ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਉਸ ਪੈਰੇ ਵਿੱਚੋਂ ਹੀ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ।
2. ਲੇਖ ਲਿਖਣ ਲਈ ਦੋ ਜਾਂ ਤਿੰਨ ਵਿਸ਼ੇ ਦਿੱਤੇ ਹੋਣਗੇ, ਉਨ੍ਹਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ 'ਤੇ ਲੇਖ ਲਿਖੋ ।
3. ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਉੱਤੇ ਅਰਜ਼ੀ/ਪੱਤਰ ਲਿਖਣ ਲਈ ਦਿੱਤਾ ਹੋਵੇਗਾ ।
4. ਲਿੰਗ ਬਦਲੋ ।
5. ਵਚਨ ਬਦਲੋ ।
6. ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ ।
7. ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ ਲਿਖੋ ।
8. ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਸਪੱਸ਼ਟ ਕਰਦੇ ਹੋਏ ਵਾਕ ਬਣਾਓ ।
9. ਖਾਲੀ ਥਾਂਵਾਂ ਭਰੋ ।
10. ਸ਼ਬਦਾਂ ਨੂੰ ਸੁੱਧ ਕਰਕੇ ਲਿਖੋ ।