

SYLLABUS FOR ENTRANCE EXAM

SYLLABUS OF GENERAL PAPER CLASS VII, VIII & IX - ENTRANCE TEST

The General Paper will consist of objective type questions (25) covering the following :-

- (i) History
- (ii) Geography
- (iii) Science
- (iv) and General Knowledge.

CLASS IV, V AND VI

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

SYLLABUS OF HINDI CLASS IV - ENTRANCE TEST

1. गद्यांश (जिसके नीचे प्रश्न दिये जाते हैं। छात्रों को उनका उत्तर लिखना होता है।)
2. लिंग बदलो, वचन बदलो।
3. विलोम शब्द।
4. पर्यायवाची शब्द।
5. पत्र-लेखन।
6. निबन्ध-रचना।

SYLLABUS OF HINDI CLASS V - ENTRANCE TEST

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| 1. गद्यांश (जिसके नीचे प्रश्न दिये जाते हैं। छात्रों को उनका उत्तर लिखना होता है।) | 5. वाक्यार्थ। |
| 2. लिंग, वचन, संज्ञा, सर्वनाम। | 6. मुहावरें। |
| 3. विलोम शब्द। | 7. पत्र-लेखन। |
| 4. पर्यायवाची शब्द। | 8. निबन्ध-रचना। |

SYLLABUS OF HINDI CLASS VI - ENTRANCE TEST

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| 1. गद्यांश (जिसके नीचे प्रश्न दिये जाते हैं। छात्रों को उनका उत्तर लिखना होता है।) | 4. पर्यायवाची शब्द। |
| 2. लिंग, वचन, संज्ञा, सर्वनाम, काल, विशेषण। | 5. वाक्यार्थ। |
| 3. विलोम शब्द। | 6. मुहावरें। |
| | 7. पत्र-लेखन। |
| | 8. निबन्ध-रचना। |

सिलेबस दाखला टेस्ट क्लास - (IV)

1. ਪੰਜਾਬੀ ਵਿੱਚ ਇੱਕ ਅਣਡਿੱਠਾ ਪੈਰੂਾ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਉਸ ਪੈਰੂ 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 ਪੈਰੂਾ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਉਸ ਪੈਰੂ 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 ਪੈਰੂਾ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਉਸ ਪੈਰੂ 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 ਸ਼ੁੱਧ ਕਰਕੇ ਲਿਖੋ।

SYLLABUS FOR ENTRANCE EXAM

SYLLABUS OF ENGLISH CLASS IV - ENTRANCE TEST

1. Composition (Writing 8 to 10 sentences on one of the given topics).
2. Unseen passage - 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 to make sentences.
 - (j) Correction of mis-spelt words.

SYLLABUS OF ENGLISH CLASS V - ENTRANCE TEST

1. Composition (Writing 10 to 12 sentences on one of the given topics).
2. Unseen passage - 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 to make sentences.
 - (j) Correction of mis-spelt words.
 - (k) Tenses.
 - (l) Question Tags.
 - (m) Prepositions.
 - (n) Pairs of words often confused e.g. beech-beach; cell-sell.

SYLLABUS OF ENGLISH CLASS VI - ENTRANCE TEST

1. Composition (Writing a paragraph of about 120 words).
2. Unseen passage - Comprehension.
3. Application & letters to friends and 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 to make 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 (Reported Speech).
 - (p) Change the Voice (Active voice to Passive Voice only).

SYLLABUS OF ENGLISH CLASS VII - ENTRANCE TEST

1. Composition (Writing a paragraph of 120 to 150 words).
2. Unseen passage - Comprehension.
3. Application, formal and informal letters.
4. Re-writing the sentences as directed.
5. Grammar.
 - (a) Synonyms.
 - (b) Antonyms.
 - (c) Negatives.
 - (d) Interrogatives.
 - (e) Articles.
 - (f) Conjunction.
 - (g) Forms of verbs.
 - (h) Use of words to make sentences.

SYLLABUS FOR ENTRANCE EXAM

- (i) Correction of mis-spelt words.
- (j) Tenses.
- (k) Pair of words often confused e.g. hair, hare.
- (l) Question tags.
- (m) Prepositions.
- (n) Change from Direct Speech to Indirect Speech.
- (o) Change the Voice (Active Voice to Passive Voice only).

SYLLABUS OF ENGLISH CLASS VIII - ENTRANCE TEST

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

SYLLABUS OF ENGLISH CLASS IX - ENTRANCE TEST

1. Agreement of the verb with the subject.
2. Composition - Essay and letter writing.
3. Comprehension - To test the grasping ability of candidates.
4. Grammar.
 - (a) Transformation of sentences (Re-writing sentences as directed).
 - (b) The sequence of tenses.
 - (c) The infinitives.
 - (d) The Gerund.
 - (e) The preposition and words followed by particular prepositions.
 - (f) Narration - Direct and Indirect Speech.
 - (g) Voice (Active and Passive).
 - (h) Usage of articles - a, an, the.
 - (i) Proverbs and idioms.
 - (j) Pairs of words often confused or misused e.g. root, route.

SYLLABUS OF MATHEMATICS CLASS VII - ENTRANCE TEST

1. Number of 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 and 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 and Area of rectangle & square.

SYLLABUS OF MATHEMATICS CLASS VIII - ENTRANCE TEST

1. Number of System : Knowledge and application of HCF & LCM, Square root (Factor method) and simple problems based on these topics. Mathematical operations, BODMAS overset of numbers, Decimals.
2. Unitary method, application in Ratio, speed time and distance problems, Profit and Loss, Simple interest (Int., rate, time) and averages.
3. Basic operations, Expansions $(a + b)^2$, $a^2 - b^2$ simple cases of simple linear equations.
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 will be an additional advantage to the selected candidates.

SYLLABUS FOR ENTRANCE EXAM

Syllabus of Mathematics for Entrance Test

Class IV

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

Class V

1. Number System: Number names and numerals, arranging numbers in ascending or descending order up to 4 – 5 digits, successor & predecessor, comparison of numbers.
2. Addition & Subtraction of numbers up to 4 digits. Simple applications of addition & subtraction.
3. Multiplication & division of a 3- 4-digit number with a 2-digit number.
4. Addition & 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, vertices of the shapes.
7. Knowledge of Tables from 2 to 20.

Class VI

1. Number System: concept of integers (addition & subtraction), fractions (addition & subtraction with different denominators), decimals (addition & subtraction), even, odd, prime and composite numbers, factors 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 & angles of given measure using scale and protector. Measuring given angles, naming the angles etc.

Class IX

1. Number System: Concept of ratio, unitary method, speed distance and time, percentage, simple interest, profit and loss as percent. Square root by factor method & long division method. Addition, subtraction & multiplication of integers & rational numbers using BODMAS.
2. Algebra: Product of binomial with binomial and trinomial, expansions $(a \pm b)^2$, writing degree, coefficient of a polynomial, addition & subtraction of simple algebraic expressions.
3. Mensuration: Area & perimeter of plane figures (rectangle, square, triangle etc), volume of cubes and cuboids