

Syllabus for Entrance Test 2019-20

Grade V

(Based on the syllabus of grade- IV)

English:-

10 Marks

1. Unseen Passage
2. Sentence Making
3. Antonyms
4. Synonyms
5. Noun (pick out the Proper and Common noun)
6. Article:- A, An, The, (Fill in the blanks)
7. Verbs (Underline the verb)
8. Adjectives (Fill in the blanks)
9. Rearrange the words
10. Paragraph writing

Hindi:-

10 Marks

1. पर्यायवाची शब्द
2. विलोम शब्द
3. लिंग बदलो
4. वचन बदलो
5. वाक्यांश के लिए एक शब्द
6. मुहावरे
7. अनेकार्थक शब्द
8. विराम चिह्न
9. शुद्ध / अशुद्ध
10. कहानी
11. पत्र, प्रार्थना-पत्र
12. अपठित गद्यांश
13. वाक्य बनाओ
14. परिभाषा :- (भाषा, व्याकरण, संज्ञा, सर्वनाम, विशेषण, क्रिया, काल)
15. निबंध

Maths:-

10 Marks

1. Dodging Tables
2. Angle
3. Subtraction
4. Multiplication
5. Division
6. Time
7. Odd and Even number
8. Fraction
9. Complete the series

Science:-

10 Marks

1. Solids, Liquids & Gases
2. The Earth and its neighbours
3. Green Plants-the food producer
4. Pollution
5. Food and digestion

G.K:-

10 Marks

1. States & their capitals.
2. Mental ability
3. Festivals of India
4. Our Solar System
5. National symbols, days & dates
6. Current Affairs/General Questions.

The Entrance Test will be of 50 Marks and 1½ hour duration.

Syllabus for Entrance Test 2019-20

Grade VI

(Based on the syllabus of grade- V)

English:-

10 Marks

1. Unseen Passage
2. Paragraph Writing
3. Nouns
4. Pronouns
5. Adjectives
6. Adverbs
7. Punctuation
8. Verbs

Hindi:-

10 Marks

1. लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, भाषा, लिपि, क्रिया, काल, (परिभाषा एवं भेद)
2. पर्यायवाची
3. मुहावरे
4. विलोम शब्द
5. वाक्यों में प्रयोग
6. समश्रुत भिन्नार्थक शब्द
7. अपठित गद्यांश
8. अनेकार्थी शब्द
9. वाक्यांश के लिए एक शब्द
10. विराम चिह्न
11. पत्र, प्रार्थना-पत्र
12. अनुच्छेद, निबंध

Maths:-

10 Marks

- 1. Operation on large Number**
- 2. Multiples and Factors**
- 3. Fractions**
- 4. Decimals**
- 5. Perimeter and area of squares and rectangles**
- 6. Unitary Method**

Science:-

10 Marks

- 1. Our Earth's Natural satellite**
- 2. Air and Water**
- 3. Our Nervous System**
- 4. Food and Health**
- 5. Reproduction in Plants**

G.K.:-

10 Marks

- 1. Important Dates**
- 2. States & Capitals of India**
- 3. Festivals of India**
- 4. National Symbols**
- 5. Sports**
- 6. Reasoning /Series**

The Entrance Test will be of 50 Marks and 1½ hour duration.

Syllabus for Entrance Test 2019-20

Grade VII

(Based on the syllabus of grade- VI)

English:-

10 Marks

1. Reading Skills-Unseen Passage
2. Writing Skills- Paragraph and Application
Writing
3. Grammar-
 - a. Noun
 - b. Pronouns
 - c. Verbs
 - d. Adverb
 - e. Adjective
 - f. Prepositions
 - g. Modals
 - h. Jumbled Words
 - i. Active and Passive Voice
 - j. Tense

Hindi:-

10 Marks

1. संधि , मुहावरे
2. शुद्ध/अशुद्ध
3. क्रिया , विशेषण , क्रियाविशेषण
4. पर्यायवाची शब्द , विलोम शब्द
5. अनेकार्थक शब्द
6. समश्रुत भिन्नार्थक
7. अनुच्छेद लेखन
8. पत्र

Maths:-**10 Marks**

1. Basic Geometry
2. Fractions
3. Decimals
4. Perimeter and Area
5. Conversion of units
6. Introduction to Algebra

Science:-**10 Marks**

1. Components of Food
2. Changes Around us
3. Electricity and Circuits
4. Water
5. Air Around Us

G.K.:-**10 Marks**

1. Our Epics
2. Sports
3. Indian Awards (Gallantry)
4. The Human Body
5. Measuring Equipments

The Entrance Test will be of 50 Marks and 1½ hour duration.

Syllabus for Entrance Test 2019-20

Grade VIII

(Based on the syllabus of grade- VII)

English:-

10 Marks

1. Reading Skills-Unseen Passage
2. Writing Skills- Paragraph and Application
Writing
3. Grammar-
 - a. Verbs
 - b. Adverbs
 - c. Adjectives
 - d. Conjunctions
 - e. Jumbled Words
 - f. Modals
 - g. Active – Passive Voice
 - h. Narration
 - i. Tenses

Hindi:-

10 Marks

1. कारक
2. संधि
3. पत्र
4. अनुच्छेद लेखन
5. शुद्ध / अशुद्ध
6. विशेषण
7. वाक्यांश
8. अनेकार्थक शब्द

Maths:-**10 Marks**

1. Ratio and Proportion
2. Integers
3. Fractions and Decimals
4. Linear Equations
5. Exponents
6. Perimeter and Area
7. Basic Geometry
8. Algebra

Science:-**10 Marks**

1. Nutrition in plants
2. Acids, Bases and Salts
3. Respiration in organisms
4. Light and Associated phenomena
5. Electric Current and Simple Circuits

G.K.:-**10 Marks**

1. Mental Ability
2. Current Affairs
3. The Human Body
4. Culture and Literature
5. Nature
6. Sports

The Entrance Test will be of 50 Marks and 1½ hour duration.

Syllabus for Entrance Test 2019-20

Grade IX

(Based on the syllabus of grade- VIII)

English:-

20 Marks

1. Comprehension
2. Letter Writing (Formal, Informal)
3. Paragraph, Article, Diary Entry
4. Parts of Speech
5. Determiners
6. The Voice
7. Reported Speech
8. Rearranging the words
9. Tense

Hindi:-

20 Marks

1. सर्वनाम, विशेषण, उपसर्ग, प्रत्यय, वाक्य
2. समास
3. क्रिया विशेषण
4. अलंकार
5. संधि
6. अपठित काव्यांश , अपठित गद्यांश
6. अनुच्छेद लेखन
7. पत्र

Maths:-

20 Marks

1. Rational Numbers
2. Exponents and Powers
3. Mensuration
4. Linear Equation in one variable
5. Direct and Indirect Proportions
6. Factorisation

Social Science:-

20 Marks

History:-

1. Women and reform movements
2. The Nationalist Movement

Geography:-

1. Natural Resources-Types and Development
2. Agriculture and its Type

Civics:-

1. The Constitution of India
2. The Judiciary

Science:-

20 Marks

1. Metals and Non Metals
2. Cell-Structure & Functions
3. Sound
4. Refraction and Dispersion of light
5. Crop Production

The Entrance Test will be of 100 Marks and 3 hours duration.

Syllabus for Entrance Test 2019-20

Grade X

(Based on the syllabus of grade- IX)

English:-

20 Marks

1. Comprehension
2. Article, Diary Entry
3. Parts of Speech
4. Determiners
5. The Voice
6. Reported Speech
7. Rearranging the words
8. Tense

Hindi:-

20 Marks

1. उपसर्ग, प्रत्यय
2. समास
3. वाक्य
4. अलंकार
5. निबंध
6. पत्र

Maths:-

20 Marks

1. Surface Areas and Volumes
2. Polynomials
3. Number Systems
4. Probability
5. Statistics (Mean, Median, Mode)
6. Coordinate Geometry

Science:-

20 Marks

Physics

1. Floatation
2. Force and Laws of Motion
3. Sound

Chemistry

1. Atom and Molecule
2. Structure of Atom

Biology

1. Kingdom plantae
2. Kingdom animalia
3. The fundamental unit of Life

Social Science:-

20 Marks

History

1. Forest society and colonialism
2. Nazism and the Rise of Hitler)

Economic

1. Poverty as a challenge
2. Food security in India

Civics

1. Electoral Politics
2. Democratic Rights

Geography

1. Natural Vegetation & wildlife

**The Entrance Test will be of 100 Marks
and 3 hours duration.**

Syllabus for Entrance Test 2019-20

Grade XI

**(Based on the syllabus of grade- X)
(For Medical & Non-Medical)**

English:- 25 Marks

1. Unseen Passage
2. Editing/Omission
3. Narration
4. Active Voice & Passive Voice
5. Re-arranging Jumbled words
6. Tenses
7. Article Writing

Chemistry:- 25 Marks

1. Metals and Non-Metals
2. Carbon and its compounds
3. Periodic Classification of Elements

Physics:- 25 Marks

1. Reflection of Light
2. Refraction and atmospheric phenomenon
3. Electricity

Biology(For Medical):- 25 Marks

1. Sexual and asexual reproduction in plants and animals
2. Nervous System
3. Plant and Animal Harmones
4. Genetics

Maths(For Non-Medical):- 25 Marks

1. Trigonometry
2. Quadratic Equations
3. Polynomials
4. Probability
5. Arithmetic Progression
6. Surface Areas and Volumes

**The Entrance Test will be of 100 Marks
and 3 hours duration.**

Syllabus for Entrance Test 2019-20
Grade XI

(Based on the syllabus of grade- X)
(For Medical & Non-Medical)

English:- **25 Marks**

1. Unseen Passage
2. Editing/Omission
3. Narration
4. Active Voice & Passive Voice
5. Re-arranging Jumbled words
6. Tenses
7. Article Writing

Chemistry:- **25 Marks**

1. Metals and Non-Metals
2. Carbon and its compounds
3. Periodic Classification of Elements

Physics:- **25 Marks**

1. Reflection of Light
2. Refraction and atmospheric phenomenon
3. Electricity

Biology(For Medical):- **25 Marks**

1. Sexual and asexual reproduction in plants and animals
2. Nervous System
3. Plant and Animal Hormones
4. Genetics

Maths(For Non-Medical):- **25 Marks**

1. Trigonometry
2. Quadratic Equations
3. Polynomials
4. Probability
5. Arithmetic Progressions
6. Surface Areas and Volumes

The Entrance Test will be of 100 Marks
and 3 hours duration.

Syllabus for Entrance Test 2019-20
Grade XI

(Based on the syllabus of grade- X)
(For Commerce)

Time:3hrs.
50 Marks

English:-

1. Unseen Passage
2. Editing/Omission
3. Direct-Indirect Speech
4. Active-Passive Voice
5. Article Writing
6. Story Writing
7. Re-arranging Jumbled words
8. Tenses

Maths:-

30 Marks

1. Trigonometry
2. Quadratic Equations
3. Surface Areas and Volumes
4. Probability
5. Arithmetic Progression
6. Polynomials

Economics:-

20 Marks

1. Sectors of Indian Economy
2. Money & Credit
3. Globalisation & Indian Economy
4. Consumer Rights

The Entrance Test will be of 100 Marks.