

## Kumaun University Non Teaching Exam Pattern

- Mathematics
- Logical Ability
- English Language
- General Knowledge
- Concerned Subjects

## Kumaun University Non Teaching Syllabus

### **Mathematics**

- Relations and Functions
- Logarithms
- Complex Numbers
- Permutations and Combinations
- Vectors
- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Matrices
- Determinants
- Definite Integrals
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines

- Circles
- Conic Sections

## Logical Ability

- Non-Verbal Series
- Directions
- Clocks & Calendars
- Arithmetical Reasoning
- Embedded Figures
- Coding-Decoding
- Analogy
- Blood Relations
- Mirror Images
- International Affairs

## English Language

- Error Correction (Underlined Part)
- Transformation
- Prepositions
- Sentence Arrangement
- Antonyms
- Active and Passive Voice
- Substitution
- Sentence Improvement
- Synonyms
- Spelling Test
- Substitution
- Passage Completion
- Idioms and Phrases
- Sentence
- Completion
- Fill in the blanks
- Spotting Errors
- Para Completion

# Kumaun University



- Joining Sentences
- Error Correction (Phrase in Bold)

## **General Knowledge**

- Indian Economy
- Budget and Five Year Plans
- Countries and Capitals
- International and National Organizations
- Important Days
- Indian History
- Indian National Movement
- Sports
- Current Affairs – National and International
- Abbreviations
- General Policy
- Science and Technology
- Science – Inventions & Discoveries
- <https://www.freshersnow.com/syllabus/>
- Books and Authors
- Awards and Honors
- Capitals of India

## **Concerned Subjects**

- Physics
- Chemistry
- Computer
- Biology
- Electrical