

## REVA CET Exam Pattern

### Engineering

<b>Subjects</b>	<b>Number Of Questions</b>
Physics	30
Chemistry	30
Mathematics	30
Verbal Ability & Reasoning	30

- Total number of questions 120 with one mark each.
- Test Duration: 120 minutes.
- No Negative Marking

## Law

<b>Subjects</b>	<b>Number Of Questions</b>
Logical Reasoning and Aptitude	25
Legal Aptitude	25
English	25
General Knowledge	25

- Total number of questions 100 with one mark each.
- Test Duration: 120 minutes.
- No Negative Marking

## Management

Subjects	Number Of Questions
Verbal Ability & Language Comprehension	25
General Knowledge And Current Affairs	25
Quantitative Aptitude	25
Data Interpretation	25

- Total number of questions 100 with one mark each.
- Test Duration: 120 minutes.
- No Negative Marking

## REVA CET Exam Syllabus - Engineering, Law, MBA

### Physics

- Mathematical Methods
- Classical Mechanics
- Relativity
- Atomic
- Molecular Physics
- Condensed Matter Physics
- Thermodynamics
- Statistical Mechanics
- Nuclear and Particle Physics
- Quantum Theory and its Applications
- Electromagnetic Theory
- Electronics
- Experimental Physics

### Chemistry

- General Chemistry
- Structure of Atom
- Electrochemistry
- Periodicity
- Solid State
- Solutions
- Classification of Elements
- Molecular Structure
- Chemical Bonding
- Surface Chemistry
- Redox Reactions
- Chemical Kinetics
- States of Matter
- Equilibrium
- Thermodynamics
- Processes of Isolation of Elements
- Coordination Compounds
- P, D, F Block Elements
- Hydrogen

- D Block Elements
- Alkali and Alkaline earth metals (S Block)
- Haloarenes
- Alcohols
- Haloalkanes
- Aldehydes
- Phenols
- Ketones
- Ethers
- General Organic Chemistry
- Carboxylic Acids
- Biomolecules
- Hydrocarbons
- Environmental Chemistry
- Amines
- Chemistry in Everyday Life

## **Mathematics**

- Relations and Functions
- Logarithms
- Complex Numbers
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Conic Sections
- 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

## **Verbal Ability**

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

## **Reasoning**

### **Verbal reasoning**

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations

- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters
- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

## **Non-Verbal Reasoning**

- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of squares and Triangles
- Series
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures
- Classification
- Rules Detection

## **General Knowledge**

- Important Days
- Indian History
- Books and Authors
- Awards and Honors
- Capitals of India
- Indian Economy
- Budget and Five Year Plans

- Countries and Capitals
- International and National Organizations
- Indian National Movement
- Sports
- Current Affairs – National and International
- Abbreviations
- General Policy
- Science and Technology
- Science – Inventions & Discoveries

## **Legal Aptitude**

- Time and Work Partnership
- Ratio and Proportion
- Boats and Streams
- Simple Interest
- Time and Distance
- Problems on Trains
- Areas
- Races and Games
- Numbers and Ages
- Mixtures and Allegations
- Mensuration
- Permutations and Combinations
- Problems on L.C.M and H.C.F
- Pipes and Cisterns
- Percentages
- Simple Equations
- Problems on Numbers
- Averages
- Indices and Surds
- Compound Interest
- Volumes
- Odd Man Out
- Quadratic Equations
- Probability
- Profit and Loss
- Simplification and Approximation

## **Language Comprehension**



- Meaning
- Opposites
- Fill in the Blanks with Suitable Articles
- Fill in the the Blanks with Suitable Preposition
- Reconstruction of Sentences
- <https://www.freshersnow.com/syllabus/>
- Fill in the Blanks with Suitable Tense
- Comprehension
- Select the correct prefix
- Select the correct Suffix

## **Current Affairs**

- Books & Authors
- Finance
- Science & Technology
- Environment
- Economy
- Banking
- Awards
- Sports & General
- Festivity
- International Affairs
- Current Events
- Current Ministers & Governors
- Business & Indian Financial System
- Politics
- Capitals & Currencies
- Education
- Government Schemes
- Abbreviations and Economic Terminologies
- Summits & Conferences, etc
- Obituary, Talkies

## **Data Interpretation**

- Sources, acquisition and interpretation of data
- Quantitative and qualitative data
- Graphical representation and mapping of data