

# Karnataka Residential Educational Institutions Society



## KREIS 6th Class Entrance Exam Pattern

Subjects	Number of Questions	Marks
Kannada	20 Questions	20 Marks
English	20 Questions	20 Marks
Maths	20 Questions	20 Marks
Social Science	20 Questions	20 Marks
General Science	20 Questions	20 Marks
<b>Total</b>	<b>100 Questions</b>	<b>100 Marks</b>

## KREIS 6th Class Entrance Exam Syllabus

### Kannada

- Direct and Indirect Speech
- Common errors
- Idioms and phrases
- One word substitution
- Theme detection
- Synonyms
- Active and Passive voice
- Spelling test
- Choosing the appropriate filler
- Transformation
- Vocabulary test
- Spotting errors
- Sentence completion

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- Usage of Grammar
- Reconstruction of sentence

## English

- General English
- Antonyms
- Homonyms
- Direct and Indirect Speech
- Synonyms
- Active and Passive voice
- Spotting errors
- Sentence completion
- Usage of Grammar
- Spelling test
- Choosing the appropriate filler
- Transformation
- Vocabulary test
- Common errors
- Idioms and phrases
- One word substitution
- Theme detection
- Reconstruction of sentences
- Rearrangement of a sentence in paragraph
- Double Synonyms
- Comprehension
- Choosing the correct/incorrect sentence

## Maths

- Simple Equations
- Compound Interest
- Volumes Profit and Loss
- Time and Distance
- Problems on Numbers
- Percentages
- Simplification and Approximation
- Mensuration
- Problems on L.C.M and H.C.F

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- Simple Interest
- Odd Man Out
- Averages

## **Social Science**

- Indian Culture
- Rivers
- Seas
- Roads & Highways
- Indian Geography
- Temples
- Famous places

## **General Science**

- Laws of motion
- Units and measurements
- Thermal properties of matter
- Gravitation
- Kinetic theory
- Wave optics
- Work, energy, and power
- Physical-world
- Oscillations
- Ray optics and optical instruments
- Mechanical properties of solids
- Thermodynamics
- Motion in a straight line
- Nuclei
- Motion in a plane
- Systems of particles and rotational motion
- Mechanical properties of fluids
- Moving charges and magnetism
- Electric charges and fields
- Electrostatic potential and capacitance
- Electromagnetic induction
- Current electricity
- Magnetism and Matter

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- Dual nature of radiation and matter
- Alternating current
- Atoms
- Electromagnetic waves
- Semiconductor electronics
- Waves
- The s – block elements
- Communication systems
- Organic chemistry-some basic principles and techniques and hydrocarbons
- P-block elements – group 14 (carbon family)
- Solutions
- Surface chemistry
- Thermodynamics
- Chemical equilibrium and acids-bases
- Hydrogen and its Compounds
- Atomic structure
- D and f block elements & coordination compounds
- Classification of elements and periodicity in properties
- Environmental chemistry
- Biomolecules
- Solid-state
- States of matter: gasses and liquids
- Chemistry in everyday life
- Stoichiometry
- <https://schools.freshersnow.com/category/board-syllabus/>
- General principles of metallurgy
- Organic compounds containing c, h, and o
- P- block elements group 13 (boron family)
- P-block elements
- Chemical bonding and molecular structure
- Electrochemistry and chemical kinetics
- Haloalkanes and haloarenes
- Polymers
- Organic compounds containing nitrogen