

# TOPICS DISTRIBUTIONS OF DOKUZ EYLUL UNIVERSITY INTERNATIONAL STUDENT ADMISSION EXAM (DEYOS)

## **MATHEMATICS**

- Basic Terms
- Orders of Number
- Division and Divisibility Rules
- Prime Factorization, GCD-LCM
- Rational Numbers
- Decimal Numbers
- Simple Inequalities
- Absolute Value
- Exponential Numbers
- Root Numbers
- Factorization
- First Degree Equations
- Ratio and Proportion
- Problems
- Sets
- Functions
- Polynomials
- Second Degree Equations
- Parabola
- First Degree Complex Numbers
- Permutation
- Combination
- Probability

### **Topics Distributions of Geometry**

- Angles and Triangles
  - a.** Angles in Straight Lines and Triangles
  - b.** Right Triangle
  - c.** Special Triangle
  - d.** Isosceles and Equilateral Triangle
  - e.** Angle and Edge Relations
  - f.** Parity and Similarity in Triangle
  - g.** Angle Bisector in Triangle
  - h.** Median in Triangle
  - i.** Area in Triangle
- Polygons
- Quadrilaterals
- Trapezoid
- Parallelogram
- Rhombus
- Deltoid

# TOPICS DISTRIBUTIONS OF DOKUZ EYLUL UNIVERSITY INTERNATIONAL STUDENT ADMISSION EXAM (DEYOS)

- Rectangle
- Square
- Circle and Circular Region
- Analytical Examination of the Straight Lines
- Vektors
- Solids
  - a.** Rectangular Prism
  - b.** Cube
  - c.** Cylinder
  - d.** Pyramid
  - e.** Cone
  - f.** Sphere

## PHYSICS

- Introduction to Physics Science
- Matter and Properties
- Pressure and Ascending Force
- Heat, Temperature and Expansion
- Movement
- Dynamics
- Action, Force and Energy
- Electrics and Magnetism
- Waves
- Optics

## CHEMISTRY

- Chemistry Science
- Atom ve Atomic Structure
- Periodic System
- Interactions between Chemical Species
- Basic Laws of Chemistry
- States of Matter
- Acids, Bases ve Salts
- Mixtures
- Energy in Industry and Living Beings
- Chemistry Everywhere

# TOPICS DISTRIBUTIONS OF DOKUZ EYLUL UNIVERSITY INTERNATIONAL STUDENT ADMISSION EXAM (DEYOS)

## BIOLOGY

- Biology of Life Science
- Common Features of Living Beings
- Basic Components of Living Beings
- Cell and Cell Structure
- Diversity and Classification of Living Beings
- Reproduction
- Ecology
- Heredity and Evolution
- Biotechnology ve Genetic Engineering

## HISTORY

- Introduction to History Science
- Ancient Civilizations
- Pre-Islamic Turkish History
- Islamic History and Civilization
- Medieval European History
- Turkish Islamic History
- History of Turkey
- From Seigniorship to Empire (1300-1453)
- Ottoman Empire as World Power
- New Age European History
- Modern Age European History
- Years of Search in Ottoman Empire
- Change and Diplomacy in the 18<sup>th</sup> Century
- The Longest Century
- Ottoman Culture and Civilization
- Ottoman Empire in the 20<sup>th</sup> Century
- I. World War
- Armistice of Mudros, Invasions and Societies
- Preparation Period to Independence War
- Term of First Grand National Assembly of Turkey
- Independence War and Treaties
- Term of Second Grand National Assembly of Turkey and Passing to Multi-Party System
- Turkish Revolution
- Atatürk's Principles
- Turkish Foreign Policy under Atatürk Administration

# **TOPICS DISTRIBUTIONS OF DOKUZ EYLUL UNIVERSITY INTERNATIONAL STUDENT ADMISSION EXAM (DEYOS)**

## **GEOGRAPHY**

- Nature and Human
- Geographical Location
- Mapology
- The Shape of the Earth and It's Movement
- Climatology
- Climate and Geographical Formations of Turkey
- Formation of Earth
- Internal and External Forces
- Soil Types
- Population
- Common Ground: Region
- Transportation
- Environment and Human
- Natural Disasters

## **GENERAL CULTURE**

- Field of Philosophy
- Epistemology
- Philosophy of Science
- Ontology
- Philosophy of Ethics
- Philosophy of Politics
- Philosophy of Art
- Philosophy of Religion
- **Current Issues**