



# JAMIA MILLIA ISLAMIA

## Class 9th Entrance Syllabus

### SCHOOLS

Mushir Fatima Nursery School

Jamia Middle School

Jamia Senior Secondary School

Syed Abid Husain Sr. Secondary School (Self-financed)

Jamia Girls Senior Secondary School (Self-financed)

### JAMIA MILLIA ISLAMIA

(A Central University by an act of Parliament)

(NAAC Accredited Grade "A++" University)

Maulana Mohammad Ali Jauhar Marg, Jamia Nagar

New Delhi-110025

### Official Websites

[www.jmi.ac.in](http://www.jmi.ac.in)

[www.jmicoe.in](http://www.jmicoe.in)

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## Section 1: English

1. **Article:** a, an, the
2. **Preposition:** in, into, to, for, upto, on, of, before, after, between, among, by, with, from
3. **Kinds of sentences:** Affirmative, Negative, Interrogative
4. **Antonyms** and **synonyms**
5. **Direct** and **indirect speech**
6. **Active** and **passive voice**
7. **Unseen Passage**

## Section2: Science

1. Crop Production and Management
2. Microorganism: Friend and Foe
3. Synthetic Fibers and Plastics
4. Materials: Metals and Non-Metals
5. Coal and Petroleum
6. Combustion and Flame
7. Conservation of Plants and Animals
8. Cell-Structure and Functions
9. Reproduction in Animals
10. Force and Pressure
11. Friction
12. Sound
13. Reaching the Age of Adolescence
14. Chemical Effects of Electric Current
15. Some Natural phenomena
16. Light

**17.** Stars and the Solar System

**18.** Pollution of Air and water

## **Section 3: Mathematics**

1. Rational Numbers
2. Linear Equations in one Variable
3. Understanding Quadrilaterals
4. Data Handling
5. Squares and Square Roots
6. Cubes and Cube Roots
7. Comparing Quantities
8. Algebraic Expressions and Identities
9. Visualizing Solid Shapes
10. Mensuration
11. Exponents and Powers
12. Direct and Inverse Proportions
13. Factorization
14. Introduction to Graphs
15. Playing with Numbers

## **Section 4: Social Science**

### **History**

1. How, When and Where
2. From Trade to Territory (The Company Establishes Power)
3. Ruling the Countryside
4. Tribals, Dikus and the Vision of a Golden Age
5. When People Rebel (1857 and after)
6. Colonialism and the City
7. Weavers, Iron Smelters and Factory Owners
8. Civilizing the “Native”, Educating the Nation
9. Women, Caste and Reform
10. The Changing World of Visual Arts
11. The Making of the National Movement: 1870 – 1947

## 12. India after Independence

### Geography

1. Resources
2. Land, Soil, Water, Natural Vegetation and Wildlife
3. Mineral and Power Resources
4. Agriculture
5. Industries
6. Human Resources

### Civics

1. The Indian Constitution
2. Understanding Secularism
3. Why do we need a Parliament?
4. Understanding Laws
5. Judiciary
6. Understanding Our Criminal Justice System
7. Understanding Marginalization
8. Confronting Marginalization
9. Public Facilities
10. Law and Social Justice

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