### AIPMT MBBS, 2016

## Eligibility for AIPMT 2016

***\*Highlights\****

* **Candidate should have got 50% marks in Physics, Chemistry and Biology in Class 12th**.
* Candidate should be at **least 17 years old** and not more than 25 years old as on **31st of December of 2016.**
* If a candidate is appearing for class 12th exam, can also apply for **AIPMT 2016**.

## Exam Pattern of AIPMT 2016

The exam paper (question booklet) will have **total 180 MCQs from Physics, Chemistry, Zoology and Botany.**  
There will be questions of total **720 marks**.

***Important points to look at:***

* There will be fore sets of the Question Booklet.
* The question paper will be available in English and Hindi language.
* Question will be based on syllabus as prescribed by NCERT.
* The questions will be framed from high school and intermediate (first and second year) syllabus.
* Each question will carry four marks and one mark will be deducted for each wrong answer.

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| AIPMT 2016 Exam Pattern | |  |  |
| Subjects | Questions | | Duration |
| Physics | 45 | |  |
| Chemistry | 45 | | 3 Hours |
| Botany | 45 | |  |
| Zoology | 45 | |  |
|  |  |  |  |

**AIPMT2016** will have both 11th and 12th class syllabus. As the official sources tell, **40% questions will be asked from 11th class and 60% are to be asked from 12th class.**

The Multiple Choice Question (MCQ) type exam has the following subjects in AIPMT 2016.

(i)    Physics

(ii)   Chemistry  
(iii)  Zoology

(iv)   Botany

* There will be **45 questions for each subject**.
* Every question will be **objective type.**
* Each question will be of **4 marks**.

### AIPMT Physics Syllabus:

|  |  |
| --- | --- |
| Class XI (11th) | Class XII (12th) |
| Physical world and measurement | Electronics |
| Kinematics | Current Electricity |
| Laws of Motion | Magnetic Effects of Current and Magnetism |
| Work, Energy and Power | Electromagnetic Induction and Alternating Current |
| Motion System of Particles and Rigid Body | Electromagnetic Waves |
| Gravitation | Optics |
| Properties of Bulk Matter | Dual Nature of Matter and Radiation |
| Thermodynamics | Atoms and Nuclei |
| Behaviour of Perfect Gas and Kinetic Theory | Electronic Devices |
| Oscillations and Waves |  |

**AIPMT Chemistry Syllabus:**

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| --- | --- |
| CLASS XI (11th) | CLASS XII (12th) |
| Some Basic Concepts of Chemistry | Solid State |
| Structure of Atom | Solutions |
| Classification of Elements and Periodicity in Properties | Electro chemistry |
| Chemical Bonding and Molecular Structure | Chemical Kinetics |
| States of Matter: Gases and Liquids | Surface Chemistry |
| Thermodynamics | General Principles and Processes of Isolation of Elements |
| Equilibrium | p- Block Elements |
| Redox Reactions | d and f Block Elements |
| Hydrogen | Coordination Compounds |
| s-Block Element (Alkali and Alkaline earth metals) | Haloalkanes and Haloarenes |
| Some p-Block Elements | Alcohols, Phenols and Ethers |
| Organic Chemistry- Some Basic Principles and Techniques | Aldehydes, Ketones and Carboxylic Acids |
| Hydrocarbons | Organic Compounds Containing Nitrogen |
| Environmental Chemistry | Biomolecules |
|  | Polymers |
|  | Chemistry in Everyday Life |

**AIPMT Biology Syllabus:**

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| --- | --- |
| CLASS XI (11th) | CLASS XII (12th) |
| Diversity in Living World | Reproduction |
| Structural Organization in Animals and Plants | Genetics and Evolution |
| Cell Structure and Function | Biology and Human Welfare |
| Plant Physiology | Biotechnology and Its Applications |
| Human physiology | Ecology and environment |