

# AIIMS 2021 PREPARATORY MODEL ONLINE EXAMINATIONS

## HYBRID BATCHES

EXAM PORTAL: [www.brilliantpalaexams.com](http://www.brilliantpalaexams.com)

### UNIT - 1

**Phy:** Physical World, Units & Measurements, Motion in a Straight Line, Motion in a Plane, Laws of Motion, **Che.:** Some Basic Concepts of Chemistry, Structure of Atoms, Classification of Elements, Organic Chemistry - some basic principles (Naming), **Bio:** Living World, Biological Classification, Plant Kingdom, Animal Kingdom (Chordata, Non-Chordata), Digestion and Absorption.

### UNIT - II

**Phy:** Work, Energy and Power, System of Particles and Rigid body rotation, Gravitation, **Che.:** Chemical Bonding & Molecular Structure, Hydrogen, States of Matter - (Gases & Liquids), Organic Reaction Mechanism, **Bio:** Morphology of Flowering Plants, Anatomy of Flowering Plants, Transport in Plants, Structure organisation in Animals (Animal Tissues, Morphology of Animals), Breathing and Exchange of Gases.

### UNIT - III

**Phy:** Mechanical Properties of Solids & Fluids, **Che:** Thermodynamics, Redox Reactions, s-Block Elements **Bio:** Cell the unit of life, Bio Molecules, Cell cycle and cell division, Excretory Products and Their Elimination, Mineral Nutrition.

Model	Topics	Date & Day	Time	Exam
1	UNIT I	26-03-2020(Thursday)	10.30 - 01.30	NEET
2	UNIT II	29-03-2020(Sunday)	10.30 - 01.30	NEET
3	UNIT III	31-03-2020(Tuesday)	10.30 - 01.30	NEET

# IIT - 2021 PREPARATORY MODEL ONLINE EXAMINATIONS

## HYBRID BATCHES

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### UNIT - 1

**Phy:** Physical World, Units & Measurements, Motion in a Straight Line, Motion in a Plane, Laws of Motion, **Che.:** Some Basic Concepts of Chemistry, Structure of Atoms, Classification of Elements, Organic Chemistry - some basic principles (Naming), **Maths:** Sets, Relation and Binary Operations, Mathematical Induction, Linear inequations & inequalities, Quadratic equations

### UNIT - II

**Phy:** Work, Energy and Power, System of Particles and Rigid body rotation, Gravitation, **Che.:** Chemical Bonding & Molecular Structure, Hydrogen, States of Matter - (Gases & Liquids), Organic Reaction Mechanism, **Maths:** Trigonometry (Trigonometry functions) Mathematical Reasoning, Statistics, Straight Lines.

### UNIT - III

**Phy:** Mechanical Properties of Solids & Fluids, **Che:** Redox Reactions, s-Block Elements, Thermodynamics, **Maths:** Permutations Combinations binomial theorem, Sequence and series, Circles.

MODEL	TOPICS	DATE	DAY	TIME	EXAM
1	Unit - I	26-03-2020	Thursday	10.30 - 01.30	JEE Main
				02.30 - 05.30	JEE Advanced
2	Unit - II	29-03-2020	Sunday	10.30 - 01.30	JEE Main
				02.30 - 05.30	JEE Advanced
3	Unit - III	31-03-2020	Tuesday	10.30 - 01.30	JEE Main
				02.30 - 05.30	JEE Advanced