



Study Planner

for

TYM (Phase-04)

XI-NEET

(June 2020 - February 2021)



AakashDigital

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Aakash

Medical | IIT-JEE | Foundations
(Divisions of Aakash Educational Services Limited)



From Managing Director's Desk

A lot has changed at Aakash during the transition from a humble coaching institute to becoming a recognized name in the education field. We live by the notion that the very essence of success is a strong value system. We still believe in the age-old Indian concept of "Guru-Shishya" relationship where a guru shares his knowledge reserve with his pupils and the 'Shishya' strives hard to quench his/her thirst for knowledge.

It has been our endeavour to make Aakash much more than a coaching institute, which is to build it into an institution of repute and purpose. We consider our students the torchbearers of the future of the country and thus, aim to enlighten the future of the nation through this young generation. We dream of a progressing India through the eyes of our students and assist them in accomplishing their dreams with the collective efforts of our faculty & staff members, our students and their parents.

For 31 years, we have been nurturing students and helping them in their endeavour to qualify in various Engineering and Medical entrance exams in the country. This endeavour is actually a journey, which we take along with our students. We wish to feel their emotions, their frustrations, their dreams, their vision, their struggles and their joys. Together we live an experience, which they would remember as one of the most cherished moments in their lives after qualifying the coveted competitive exams.

Even today, we aim at clearing doubts and strengthening the fundamentals of students in their subjects, because we believe these cleared doubts and strengthened fundamentals will eventually strengthen the destiny of our nation, which actually lies in these hands that are holding the 'mighty' pen & are now learning with technology. And we are confident that with Aakash, their future is in safe and progressive hands.

J. C. Chaudhry

Chairman & Managing Director (CMD)

About Aakash iTutor

Recorded Video Lectures on NEET syllabus by master Aakash Faculty help you boost your preparation and perform well in the exam. Learn at your own pace with Video Lectures. Assess yourself by taking the online tests and clear your doubts via 'Ask an Expert'.

Your tools to prepare

Watch Videos



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Practice & Assess



Chapter Assignments

Test your chapter concepts



ebooks Questions & Solutions

Practice questions & solutions



Tests & Reports

Attempt tests offline/online & check your ranking



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Study Planner

For systematic planning and execution of your preparation



Notifications

Check for updates from us

Doubt Clearance



Ask an expert

Get real time solutions from our database of queries and answers. Also get your doubts clarified by Aakash Faculty in a stipulated time

NEET (National Eligibility cum Entrance Test)

From 2019 onwards the National Eligibility cum Entrance Test has been conducted by the National Testing Agency (NTA). NEET (UG) is applicable for admission to MBBS/BDS Courses in India in Medical/Dental Colleges run with the approval of Medical Council of India/Dental Council of India under the Union Ministry of Health and Family Welfare, Government of India.

The responsibility of the NTA is limited to the conduct of the entrance examination, declaration of result and providing All India Rank to the Directorate General Health Services (DGHS), New Delhi, Government of India for the conduct of counselling for 15% All India Quota Seats and for supplying the result to state/other Counselling Authorities.

Candidates seeking admission in AFMC for MBBS Course will register online through NEET and they will also have to register at www.afmc.nic.in. The candidates who want to get admission in AFMC MBBS course will have to necessarily appear in NEET entrance examination. After qualifying NEET exam, candidates will have to appear for ToELR computer-based test (CBT) conducted by AFMC authority

As per the NMC Act, 2019, AIIMS and JIPMER have now be replaced by NEET. Now the candidates need to apply only for NEET 2020 to get admission to MBBS courses in AIIMS, New Delhi, JIPMER and all AIIMS like Institutions.

In view of the current situation being faced due to the Novel Coronavirus (COVID-19) outbreak, the safety of our students is our prime concern. We are, thus, taking necessary steps towards ensuring that the studies of our students remain uninterrupted.

In order to avoid any loss of studies, we have shared i-Tutor credentials with you and now we are sharing **STUDY PLANNER** to streamline the flow of studies. As and when the situation improves, we shall commence classes for the regular classroom course, along with continuing to provide free i-Tutor access.

Follow the STUDY PLANNER and BE AHEAD OF THE PACK.





Study Planner

for

TYM (Phase-4)

XI-NEET

June-August



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Weekly Study Planner

8th June - 14th June, 2020

Physics

Chapter 1: Physical World

1.1 Physical World

Chapter 2: Units & Measurements

2.1 Introduction to physical quantities

Chemistry

Chapter 1: Some Basic Concepts of Chemistry

1.1 Application and importance of chemistry

1.2 Laws of chemical combination

Botany

Chapter 1: Cell - The unit of life

1.1 Introduction to chapter cell

1.2 Eukaryotic cell part-1

Zoology

Chapter 1: Structural organization in Animals

1.1 Epithelial tissue and its types

1.2 Connective tissue and its types

Physics

Chapter 2: Units & Measurements

2.2 Methods of Measurement

2.3 Error in Measurement

Chemistry

Chapter 1: Some Basic Concepts of Chemistry

1.3 Mole Concept

1.4 Law of chemical equivalence

Botany

Chapter 1: Cell - The unit of life

1.3 Eukaryotic cell part-2

1.4 Eukaryotic cell part-3

Zoology

Chapter 1: Structural organization in Animals

1.3 Muscular and nervous tissue

Chapter 2: Biomolecules

2.1 Introduction to Biomolecules

15th June - 21st June, 2020

Weekly Study Planner

22nd June - 28th June, 2020

Physics

Chapter 2: Units & Measurements

- 2.4 Significant figures & dimensional analysis
- 2.5 Application of dimensional Analysis

Chemistry

Chapter 1: Some Basic Concepts of Chemistry

- 1.5 Percentage composition and empirical formula
- 1.6 Stoichiometry

Botany

Chapter 1: Cell - The unit of life

- 1.5 Eukaryotic cell part-4
- 1.6 Eukaryotic cell part-5

Zoology

Chapter 2: Biomolecules

- 2.2 Biomolecules- Proteins
- 2.3 Biomolecules-Lipids

29th June - 5th July, 2020

Physics

Chapter 3: Motion in a straight line

- 3.1 Motion in a straight line
- 3.2 Speed and velocity

Chemistry

Chapter 1: Some Basic Concepts of Chemistry

- 1.7 Reactions in Solutions

Chapter 2: Structure of Atom

- 2.1 Discovery of subatomic particles

Botany

Chapter 2: Cell Cycle and Cell Division

- 2.1 Introduction to chapter cell
- 2.2 Mitosis

Zoology

Chapter 2: Biomolecules

- 2.4 Biomolecules- Nucleic acid
- 2.5 Biomolecules- Enzymes -I

Weekly Study Planner

6th July - 12th July, 2020

Physics

Chapter 3: Motion in a straight line

- 3.3 Speed and velocity continued.
- 3.4 Calculus Continued

Chemistry

Chapter 2: Structure of Atom

- 2.2 Different models of atom, Maxwell's wave theory and plank quantum theory
- 2.3 Atomic spectrum and dual nature

Botany

Chapter 2: Cell cycle and cell division

- 2.3 Meiosis
- ### Chapter 3: Living world
- 3.1 Introduction

Zoology

Chapter 2: Biomolecules

- 2.6 Biomolecules- Enzyme II
- ### Chapter 3: Digestion and Absorption
- 3.1 Anatomy of Digestive System I

Physics

Chapter 3: Motion in a straight line

- 3.5 Complex integration numericals
- 3.6 Acceleration

Chemistry

Chapter 2: Structure of Atom

- 2.4 Bohr's model and dual nature of matter
- 2.5 Heisenberg's uncertainty principle and quantum mechanical model

Botany

Chapter 3: Living world

- 3.2 Biodiversity
- 3.3 Taxonomic hierarchy

Zoology

Chapter 3: Digestion and Absorption

- 3.2 Anatomy of Digestive System II
- 3.3 Physiology of digestion I

13th July - 19th July, 2020

Weekly Study Planner

20th July - 26th July, 2020

Physics

Chapter 3: Motion in a straight line

- 3.7 Application of calculus (Part-A)
- 3.8 Application of calculus (Part-B)

Chemistry

Chapter 2: Structure of Atom

- 2.6 Some Important graphs and electronic configuration
- ### Chapter 3: Classification of elements and periodicity in properties
- 3.1 Genesis of classification and modern periodic table

Botany

Chapter 3: Living world

- 3.4 Taxonomic aids
- 3.5 Taxonomic aids(1)

Zoology

Chapter 3: Digestion and Absorption

- 3.4 Physiology of digestion II
- ### Chapter 4: Breathing and Exchange of Gases
- 4.1 Breathing and Exchange of gases

Physics

Chapter 3: Motion in a straight line

- 3.9 Kinematics / Equation of Motion
- 3.10 Motion under Gravity

Chemistry

Chapter 3: Classification of elements and periodicity in properties

- 3.2 Properties of elements & their variation in Modern periodic table
- ### Chapter 4: Chemical Bonding & Molecular Structure
- 4.1 Types of Chemical bonding

Botany

Chapter 4: Biological classification

- 4.1 Kingdom systems of classification
- 4.2 Monera

Zoology

Chapter 4: Breathing and Exchange of Gases

- 4.2 Process of Respiration
- 4.3 Process of Respiration contd.

27th July - 2nd August, 2020

Weekly Study Planner

3rd Aug. - 9th August, 2020

Physics

Chapter 3: Motion in a straight line

- 3.11 Galileo Law of Odd no
- 3.12 Graphs

Chemistry

Chapter 4: Chemical Bonding & Molecular Structure

- 4.2 VSEPR theory and dipole moment
- 4.3 Resonance and Valence bond theory

Botany

Chapter 4: Biological classification

- 4.3 Monera (1)
- 4.4 Monera (2)

Zoology

Chapter 4: Breathing and Exchange of Gases

- 4.4 Mechanism of Regulation
- Chapter 5: Body fluids and circulation**
- 5.1 Body Fluids part-1

Physics

Chapter 3: Motion in a straight line

- 3.13 Variation of Slope
- 3.14 Graphical analysis of motion (Part-I)

Chemistry

Chapter 4: Chemical Bonding & Molecular Structure

- 4.4 Hybridisation
- 4.5 Hybridisation in different molecules

Botany

Chapter 4: Biological classification

- 4.5 Eubacteria
- 4.6 Protista (photosynthetic protists)

Zoology

Chapter 5: Body fluids and circulation

- 5.2 Body Fluids part-2
- 5.3 Circulatory system

10th Aug. - 16th August, 2020

Weekly Study Planner

17th Aug. - 23rd Aug., 2020

Physics

Chapter 3: Motion in a straight line

3.15 Graphical analysis of motion (part-2)

3.16 Acceleration-time graph

Chemistry

Chapter 4: Chemical Bonding & Molecular Structure

4.6 Molecular orbital theory

4.7 Molecular orbital theory and hydrogen bonding

Botany

Chapter 4: Biological classification

4.7 Protista (decomposer protists)

4.8 Fungi

Zoology

Chapter 5: Body fluids and circulation

5.4 Regulation of cardiac Activity

5.5 Circulatory pathways



Detailed Academic Planner (June-August 2020)



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Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
8-Jun-20	Monday	Physics	1. Physical World 2. Units & Measurements	Lecture Code: 1.1 Physical world Lecture Code: 2.1 Introduction to physical quantities	YES	Optional	NA	Ask an Expert (All Day)
		Botany	1. Cell - The unit of life	Lecture Code: 1.1 Introduction to chapter cell Lecture Code: 1.2 Eukaryotic cell part-1	YES	Optional	NA	Ask an Expert (All Day)
9-Jun-20	Tuesday	Physics	1. Physical World 2. Units & Measurements	Lecture Code: 1.1 Physical World Lecture Code: 2.1 Introduction to physical quantities	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	1. Cell - The unit of life	Lecture Code: 1.1 Introduction to chapter cell Lecture Code: 1.2 Eukaryotic cell part-1	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
10-Jun-20	Wednesday	Revision Day						
11-Jun-20	Thursday	Chemistry	1. Some Basic Concepts of Chemistry	Lecture Code: 1.1 Application and importance of chemistry Lecture Code: 1.2 Laws of chemical combination	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	1. Structural Organisation in Animals	Lecture Code: 1.1 Epithelial tissue and its types Lecture Code: 1.2 Connective tissue and its types	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
12-Jun-20	Friday	Chemistry	1. Some Basic Concepts of Chemistry	Lecture Code: 1.1 Application and importance of chemistry Lecture Code: 1.2 Laws of chemical combination	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	1. Structural Organisation in Animals	Lecture Code: 1.1 Epithelial tissue and its types Lecture Code: 1.2 Connective tissue and its types	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
13-Jun-20	Saturday	Revision Day						
14-Jun-20	Sunday							
15-Jun-20	Monday	Physics	2. Units & Measurements	Lecture Code: 2.2 Methods of Measurement Lecture Code: 2.3 Error in Measurement	YES	Optional	NA	Ask an Expert (All Day)
		Botany	1. Cell - The unit of life	Lecture Code: 1.3 Eukaryotic cell part-2 Lecture Code: 1.4 Eukaryotic cell part-3	YES	Optional	NA	Ask an Expert (All Day)
16-Jun-20	Tuesday	Physics	2. Units & Measurements	Lecture Code: 2.2 Methods of Measurement Lecture Code: 2.3 Error in Measurement	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	1. Cell - The unit of life	Lecture Code: 1.3 Eukaryotic cell part-2 Lecture Code: 1.4 Eukaryotic cell part-3	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
17-Jun-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
18-Jun-20	Thursday	Chemistry	1. Some Basic Concepts of Chemistry	Lecture Code: 1.3 Mole Concept Lecture Code: 1.4 Law of chemical equivalence	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	1. Structural Organisation in Animals 2. Biomolecules	Lecture Code: 1.3 Muscular and nervous tissue Lecture Code: 2.1 Introduction to Biomolecules	YES	Optional	NA	Ask an Expert (All Day)
19-Jun-20	Friday	Chemistry	1. Some Basic Concepts of Chemistry	Lecture Code: 1.3 Mole Concept Lecture Code: 1.4 Law of chemical equivalence	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	1. Structural Organisation in Animals 2. Biomolecules	Lecture Code: 1.3 Muscular and nervous tissue Lecture Code: 2.1 Introduction to Biomolecules	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
20-Jun-20	Saturday	Revision Day						
21-Jun-20	Sunday							
22-Jun-20	Monday	Physics	2. Units & Measurements	Lecture Code: 2.4 Significant figures & dimensional analysis Lecture Code: 2.5 Application of dimensional Analysis	YES	Optional	NA	Ask an Expert (All Day)
		Botany	1. Cell - The unit of life	Lecture Code: 1.5 Eukaryotic cell part-4 Lecture Code: 1.6 Eukaryotic cell part-5	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
23-Jun-20	Tuesday	Physics	2. Units & Measurements	Lecture Code: 2.4 Significant figures & dimensional analysis Lecture Code: 2.5 Application of dimensional Analysis	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	1. Cell - The unit of life	Lecture Code: 1.5 Eukaryotic cell part-4 Lecture Code: 1.6 Eukaryotic cell part-5	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
24-Jun-20	Wednesday	Revision Day						
25-Jun-20	Thursday	Chemistry	1. Some Basic Concepts of Chemistry	Lecture Code: 1.5 Percentage composition and empirical formula Lecture Code: 1.6 Stoichiometry	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	2. Biomolecules	Lecture Code: 2.2 Biomolecules- Proteins Lecture Code: 2.3 Biomolecules-Lipids	YES	Optional	NA	Ask an Expert (All Day)
26-Jun-20	Friday	Chemistry	1. Some Basic Concepts of Chemistry	Lecture Code: 1.5 Percentage composition and empirical formula Lecture Code: 1.6 Stoichiometry	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	2. Biomolecules	Lecture Code: 2.2 Biomolecules- Proteins Lecture Code: 2.3 Biomolecules-Lipids	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
27-Jun-20	Saturday	Revision Day						
28-Jun-20	Sunday							
29-Jun-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.1 Motion in a straight line Lecture Code: 3.2 Speed and velocity	YES	Optional	NA	Ask an Expert (All Day)
		Botany	2. Cell Cycle and Cell Divison	Lecture Code: 2.1 Introduction to chapter cell Lecture Code: 2.2 Mitosis	YES	Optional	NA	Ask an Expert (All Day)
30-Jun-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.1 Motion in a straight line Lecture Code: 3.2 Speed and velocity	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	2. Cell Cycle and Cell Divison	Lecture Code: 2.1 Introduction to chapter cell Lecture Code: 2.2 Mitosis	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
1-Jul-20	Wednesday	Revision Day						
2-Jul-20	Thursday	Chemistry	1. Some Basic Concepts of Chemistry 2. Structure of Atom	Lecture Code: 1.7 Reactions in Solutions Lecture Code: 2.1 Discovery of subatomic particles	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	2. Biomolecules	Lecture Code: 2.4 Biomolecules- Nucleic acid Lecture Code: 2.5 Biomolecules- Enzymes -I	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
3-Jul-20	Friday	Chemistry	1. Some Basic Concepts of Chemistry 2. Structure of Atom	Lecture Code: 1.7 Reactions in Solutions Lecture Code: 2.1 Discovery of subatomic particles	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	2. Biomolecules	Lecture Code: 2.4 Biomolecules- Nucleic acid Lecture Code: 2.5 Biomolecules- Enzymes -I	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
4-Jul-20	Saturday	Revision Day						
5-Jul-20	Sunday							
6-Jul-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.3 Speed and velocity continued Lecture Code: 3.4 Calculus Continued	YES	Optional	NA	Ask an Expert (All Day)
		Botany	2. Cell cycle and cell division 3. Living world	Lecture Code: 2.3 Meiosis Lecture Code: 3.1 Introduction	YES	Optional	NA	Ask an Expert (All Day)
7-Jul-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.3 Speed and velocity continued Lecture Code: 3.4 Calculus Continued	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	2. Cell cycle and cell division 3. Living world	Lecture Code: 2.3 Meiosis Lecture Code: 3.1 Introduction	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
8-Jul-20	Wednesday	Revision Day						
9-Jul-20	Thursday	Chemistry	2. Structure of Atom	Lecture Code: 2.2 Different models of atom, Maxwell's wave theory and plank quantum theory Lecture Code: 2.3 Atomic spectrum and dual nature	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	2. Biomolecules, 3. Digestion and Absorption	Lecture Code: 2.6 Biomolecules- Enzyme II Lecture Code: 3.1 Anatomy of Digestive System I	YES	Optional	NA	Ask an Expert (All Day)
10-Jul-20	Friday	Chemistry	2. Structure of Atom	Lecture Code: 2.2 Different models of atom, Maxwell's wave theory and plank quantum theory Lecture Code: 2.3 Atomic spectrum and dual nature	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	2. Biomolecules, 3. Digestion and Absorption	Lecture Code: 2.6 Biomolecules- Enzyme II Lecture Code: 3.1 Anatomy of Digestive System I	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
11-Jul-20	Saturday	Revision Day						
12-Jul-20	Sunday	Fortnightly Test-01						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
13-Jul-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.5 Complex integration numericals Lecture Code: 3.6 Acceleration	YES	Optional	NA	Ask an Expert (All Day)
		Botany	3. Living world	Lecture Code: 3.2 Biodiversity Lecture Code: 3.3 Taxonomic hierarchy	YES	Optional	NA	Ask an Expert (All Day)
14-Jul-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.5 Complex integration numericals Lecture Code: 3.6 Acceleration	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	3. Living world	Lecture Code: 3.2 Biodiversity Lecture Code: 3.3 Taxonomic hierarchy	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
15-Jul-20	Wednesday	Revision Day						
16-Jul-20	Thursday	Chemistry	2. Structure of Atom	Lecture Code: 2.4 Bohr's model and dual nature of matter Lecture Code: 2.5 Heisenberg's uncertainty principle and quantum mechanical model	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	3. Digestion and Absorption	Lecture Code: 3.2 Anatomy of Digestive System II Lecture Code: 3.3 Physiology of digestion I	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
17-Jul-20	Friday	Chemistry	2. Structure of Atom	Lecture Code: 2.4 Bohr's model and dual nature of matter Lecture Code: 2.5 Heisenberg's uncertainty principle and quantum mechanical model	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	3. Digestion and Absorption	Lecture Code: 3.2 Anatomy of Digestive System II Lecture Code: 3.3 Physiology of digestion I	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
18-Jul-20	Saturday	Revision Day						
19-Jul-20	Sunday							
20-Jul-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.7 Application of calculus (Part-A) Lecture Code: 3.8 Application of calculus (Part-B)	YES	Optional	NA	Ask an Expert (All Day)
		Botany	3. Living world	Lecture Code: 3.4 Taxonomic aids Lecture Code: 3.5 Taxonomic aids.(1)	YES	Optional	NA	Ask an Expert (All Day)
21-Jul-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.7 Application of calculus (Part-A) Lecture Code: 3.8 Application of calculus (Part-B)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	3. Living world	Lecture Code: 3.4 Taxonomic aids Lecture Code: 3.5 Taxonomic aids(1)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
22-Jul-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
23-Jul-20	Thursday	Chemistry	2. Structure of Atom 3. Classification of elements and periodicity in properties	Lecture Code: 2.6 Some Important graphs and electronic configuration Lecture Code: 3.1 Genesis of classification and modern periodic table	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	3. Digestion and Absorption 4. Breathing and Exchange of Gases	Lecture Code: 3.4 Physiology of digestion II Lecture Code: 4.1 Breathing and Exchange of gases	YES	Optional	NA	Ask an Expert (All Day)
24-Jul-20	Friday	Chemistry	2. Structure of Atom 3. Classification of elements and periodicity in properties	Lecture Code: 2.6 Some Important graphs and electronic configuration Lecture Code: 3.1 Genesis of classification and modern periodic table	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	3. Digestion and Absorption 4. Breathing and Exchange of Gases	Lecture Code: 3.4 Physiology of digestion II Lecture Code: 4.1 Breathing and Exchange of gases	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
25-Jul-20	Saturday	Revision Day						
26-Jul-20	Sunday	Fortnightly Test-02						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
27-Jul-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.9 Kinematics / Equation of Motion Lecture Code: 3.10 Motion under Gravity	YES	Optional	NA	Ask an Expert (All Day)
		Botany	4. Biological classification	Lecture Code: 4.1 Kingdom systems of classification Lecture Code: 4.2 Monera	YES	Optional	NA	Ask an Expert (All Day)
28-Jul-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.9 Kinematics / Equation of Motion Lecture Code: 3.10 Motion under Gravity	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	4. Biological classification	Lecture Code: 4.1 Kingdom systems of classification Lecture Code: 4.2 Monera	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
29-Jul-20	Wednesday	Revision Day						
30-Jul-20	Thursday	Chemistry	3. Classification of elements and periodicity in properties 4. Chemical Bonding & Molecular Structure	Lecture Code: 3.2 Properties of elements & their variation in Modern periodic table Lecture Code: 4.1 Types of Chemical bonding	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	4. Breathing and Exchange of Gases	Lecture Code: 4.2 Process of respiration Lecture Code: 4.3 Process of Respiration contd.	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
31-Jul-20	Friday	Chemistry	3. Classification of elements and periodicity in properties 4. Chemical Bonding & Molecular Structure	Lecture Code: 3.2 Properties of elements & their variation in Modern periodic table Lecture Code: 4.1 Types of Chemical bonding	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	4. Breathing and Exchange of Gases	Lecture Code: 4.2 Process of respiration Lecture Code: 4.3 Process of Respiration contd.	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
1-Aug-20	Saturday	Revision Day						
2-Aug-20	Sunday							
3-Aug-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.11 Galileo Law of Odd no Lecture Code: 3.12 Graphs	YES	Optional	NA	Ask an Expert (All Day)
		Botany	4. Biological classification	Lecture Code: 4.3 Monera(1) Lecture Code: 4.4 Monera (2)	YES	Optional	NA	Ask an Expert (All Day)
4-Aug-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.11 Galileo Law of Odd no Lecture Code: 3.12 Graphs	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	4. Biological classification	Lecture Code: 4.3 Monera(1) Lecture Code: 4.4 Monera (2)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
5-Aug-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
6-Aug-20	Thursday	Chemistry	4. Chemical Bonding & Molecular Structure	Lecture Code: 4.2 VSEPR theory and dipole moment Lecture Code: 4.3 Resonance and Valence bond theory	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	4. Breathing and Exchange of Gases 5. Body fluids and circulation	Lecture Code: 4.4 Mechanism of Regulation Lecture Code: 5.1 Body Fluids part-1	YES	Optional	NA	Ask an Expert (All Day)
7-Aug-20	Friday	Chemistry	4. Chemical Bonding & Molecular Structure	Lecture Code: 4.2 VSEPR theory and dipole moment Lecture Code: 4.3 Resonance and Valence bond theory	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	4. Breathing and Exchange of Gases 5. Body fluids and circulation	Lecture Code: 4.4 Mechanism of Regulation Lecture Code: 5.1 Body Fluids part-1	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
8-Aug-20	Saturday	Revision Day						
9-Aug-20	Sunday	Fortnightly Test-03						
10-Aug-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.13 Variation of Slope Lecture Code: 3.14 Graphical analysis of motion(Part-I)	YES	Optional	NA	Ask an Expert (All Day)
		Botany	4. Biological classification	Lecture Code: 4.5 Eubacteria Lecture Code: 4.6 Protista (photosynthetic protists)	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
11-Aug-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.13 Varitaion of Slope Lecture Code: 3.14 Graphical analysis of motion(Part-I)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	4. Biological classification	Lecture Code: 4.5 Eubacteria Lecture Code: 4.6 Protista (photosynthetic protists)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
12-Aug-20	Wednesday	Revision Day						
13-Aug-20	Thursday	Chemistry	4. Chemical Bonding & Molecular Structure	Lecture Code: 4.4 Hybridisation Lecture Code: 4.5 Hybridisation in different molecules	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	5. Body fluids and circulation	Lecture Code: 5.2 Body Fluids part-2 Lecture Code: 5.3 Circulatory system	YES	Optional	NA	Ask an Expert (All Day)
14-Aug-20	Friday	Chemistry	4. Chemical Bonding & Molecular Structure	Lecture Code: 4.4 Hybridisation Lecture Code: 4.5 Hybridisation in different molecules	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	5. Body fluids and circulation	Lecture Code: 5.2 Body Fluids part-2 Lecture Code: 5.3 Circulatory system	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
15-Aug-20	Saturday	Revision Day						
16-Aug-20	Sunday							

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
17-Aug-20	Monday	Physics	3. Motion in a straight line	Lecture Code: 3.15 Graphical analysis of motion (part-2) Lecture Code: 3.16 Acceleration-time graph	YES	Optional	NA	Ask an Expert (All Day)
		Botany	4. Biological classification	Lecture Code: 4.7 protista(decomposer protists) Lecture Code: 4.8 Fungi	YES	Optional	NA	Ask an Expert (All Day)
18-Aug-20	Tuesday	Physics	3. Motion in a straight line	Lecture Code: 3.15 Graphical analysis of motion (part-2) Lecture Code: 3.16 Acceleration-time graph	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	4. Biological classification	Lecture Code: 4.7 protista(decomposer protists) Lecture Code: 4.8 Fungi	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
19-Aug-20	Wednesday	Revision Day						
20-Aug-20	Thursday	Chemistry	4. Chemical Bonding & Molecular Structure	Lecture Code: 4.6 Molecular orbital theory Lecture Code: 4.7 Molecular orbital theory and hydrogen bonding	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	5. Body fluids and circulation	Lecture Code: 5.4 Regulation of cardiac Activity Lecture Code: 5.5 Circulatory pathways	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
June - August 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
21-Aug-20	Friday	Chemistry	4. Chemical Bonding & Molecular Structure	Lecture Code: 4.6 Molecular orbital theory Lecture Code: 4.7 Molecular orbital theory and hydrogen bonding	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	5. Body fluids and circulation	Lecture Code: 5.4 Regulation of cardiac Activity Lecture Code: 5.5 Circulatory pathways	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
22-Aug-20	Saturday	Revision Day						
23-Aug-20	Sunday	Fortnightly Test-04						



Test Planner (June-August 2020)



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Test Pattern - Total no. of Qs = 60 MCQs (15 from each subject),

Duration - 1 Hr.

Two Year Medical (Phase-04) : Planner for Fortnightly Test - 2020-2022

Test No.	Test Date	Day	Topic			
			Physics	Chemistry	Botany	Zoology
Fortnightly Test-01	12th July	Sunday	<p>Physical World, Units & Measurements: Introduction, International system of units, Measurement of length, Mass, Time, Accuracy, Precision of instruments.</p>	<p>Some Basic Concepts of Chemistry: Importance of chemistry, Nature of matter, Properties of matter and their measurement : Mass and weight, volume, density, temperature, Uncertainty in measurement, Scientific notation, Addition and subtraction, Multiplication and division, Significant figures, Dimensional analysis., Laws of chemical combination : Law of conservation of mass, Law of definite proportions, Law of multiple proportions, Gay lussac's law of gaseous volumes, Avogadro law, Dalton's atomic theory., Atomic and molecular masses : Atomic mass, Average atomic mass, Molecular mass, Formula mass.</p>	<p>Cell: The Unit of Life: Introduction, What is a cell?, Cell theory, An overview of cell, Prokaryotic cell-structure, Gram staining, Eukaryotic cell structure, Difference between prokaryotic and eukaryotic cell, difference between plant cell and animal cell, plasma membrane, Cell wall, endomembrane system– Endoplasmic reticulum, Golgi body</p>	<p>Structural organisation in Animals–Animal Tissues-I: Epithelial Tissue: General features, basement membrane, Types of epithelial tissues- Simple., Compound epithelium, specialized epithelial tissues, glandular epithelium, Types of simple & compound glands, Connective Tissue: Connective tissue proper, Loose connective tissue, Dense connective tissues-characters with examples. Supportive connective tissue: Cartilage, Types of cartilage-Hyaline, Elastic, white fibrocartilage & Calcified cartilage, Supportive Connective Tissue: Bone, its structure & composition, Types of bones: Compact bone, Spongy bone, Differences between cartilage & bone: Dried bone & decalcified bone. Cartilage, Investing bone, Sesamoid bone and Visceral bone</p>

Fortnightly Test-02	26th July	Sunday	<p>Units & Measurements: Errors in measurements, Significant figures, Dimensions of physical quantities, Dimensional formulae & dimensional equations, Dimensional analysis and its applications.</p>	<p>Some Basic Concepts of Chemistry: Mole concept, Molar mass, equivalent mass, Percentage composition, Empirical formula, Stoichiometry and Stoichiometric calculations., Calculations regarding limiting reagents.</p>	<p>Cell: The Unit of Life (Contd.): Lysosome, Vacuole; Mitochondria, Plastid. Ribosome, Cytoskeleton, Centrosome and centrioles, Cilia and flagella, Nucleus, Chromosomes, Microbodies, Cell Cycle & Cell Division: Introduction, Cell cycle–phases of cell cycle</p>	<p>Structural organisation in Animals–Animal Tissues-II: Muscular Tissue: Types of Muscles: Striated and non-striated/Smooth muscles (Single unit & Multiunit smooth muscles; Cardiac muscles), Nervous Tissue: Structure of neuron and its parts, Different types of neuron; Myelinated & Nonmyelinated neurons, Neuroglia cells-Types of glial cells, Biomolecules-I: Primary and secondary metabolites, Carbohydrates, Monosaccharides, Triose, Pentose, Hexose, Heptose, Derivatives of monosaccharides, Oligosaccharides, Functions of small carbohydrates, Polysaccharides- homopolysaccharides & heteropolysaccharides, storage & structural polysaccharides</p>
Fortnightly Test-03	9th Aug	Sunday	<p>Motion in a Straight Line: Introduction, Position, Path length and displacement, Average velocity & average speed., Differential calculus, Applications of differential calculus, Instantaneous velocity & speed, Acceleration</p>	<p>Some Basic Concepts of Chemistry: Reactions in solutions : Mass percentage or weight percentage, Mole-fraction, Molarity, Molality, Normality, Structure of Atom: Sub-atomic particles : Discovery of electron, Charge to mass ratio of electron, Charge on electron, Discovery of proton and neutron. Thomson model of atom, Rutherford's nuclear model of atom, Atomic and Mass number, Isobars and isotopes., Particle nature of electromagnetic radiation : Plank's quantum theory, Photoelectric effect, Dual behaviour of electromagnetic radiation.</p>	<p>Cell Cycle & Cell Division (Contd.): Mitosis-definition, Karyokinesis, cytokinesis, significance, Meiosis–definition, Meiosis-I, Meiosis-II, significance of meiosis, The living world: Introduction, What is living?, Characteristics of living beings, Diversity in the living world, Nomenclature, Need for classification, Classification - taxonomy, Systematics</p>	<p>Biomolecules-II: Aminoacids: Structure, types, Polar, Non polar, acidic, basic, neutral, alcoholic, aromatic, heterocyclic, functions of amino acids. Peptide bond formation, Structure of protein-Primary, secondary, tertiary, quaternary, Properties of proteins. Types of proteins and their functions, Lipids: Structure and classification of lipids, simple lipids, conjugated lipids, derived lipids, functions of lipids, Nitrogenous bases, nucleosides, nucleotides, higher nucleotides, types of nucleotides, functions of nucleotides, Nucleic acid-DNA, RNA structure, types of it and function, Enzymes: Importance, activation energy, chemical nature, active site, Classes of enzymes: Oxidoreductase, Transferase, Hydrolase, Lyase, Isomerase, Ligase; Properties of enzymes, Working of enzymes-Lock & Key model, Induce fit theory</p>

Fortnightly Test-04	23rd Aug	Sunday	<p>Motion in a Straight Line: Integral calculus, Applications of Integral calculus, Graphs (slope, area etc.), Kinematic equations for uniformly accelerated motion., Motion under gravity, Relative velocity in one dimension.</p>	<p>Structure of Atom: Emission and absorption spectra, Line spectrum of hydrogen, Bohr's model for hydrogen atom, Explanation of Bohr's model., Dual behaviour of matter, Heisenberg's uncertainty principle, Significance of uncertainty principle, Reason for the failure of the Bohr model., Quantum mechanics, Hydrogen atom and the Schrodinger equation, Orbitals and Quantum numbers, Shapes of atomic orbitals, Energies of atomic orbitals, Filling of orbitals in atom : Aufbau principle, Pauli's exclusion principle, Hund's rule of maximum multiplicity, Electronic configuration of atoms, Causes of Stability of completely filled and half filled sub-shells</p>	<p>The living world(Contd.): Taxonomic categories, Biological concept of species, Taxonomical aids- Herbarium, Botanical gardens, museum, zoological parks, Key, Flora, Manual, Monographs, Catalogues,</p>	<p>Biomolecules: Enzymes: Factors affecting the enzyme activity: substrate concentration, Km value, Product concentration, Temperature, pH; Enzyme inhibition-competitive, Non competitive, Allosteric enzymes, Isoenzymes and proenzymes</p>
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Study Planner

for

TYM (Phase-4)

XI-NEET

August-November



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Weekly Study Planner

24th Aug., - 30th Aug., 2020

Physics

Chapter 4: Motion in a Plane

- 4.1 Scalar and Vector
- 4.2 Arithmetics of vectors : Addition
- 4.3 Arithmetics of vectors : Subtraction, Resolution of vector
- 4.4 Numerical based on arithmetics of vectors

Chemistry

Chapter 5: States of Matter

- 5.2 The gas laws
- 5.3 Dalton's law, Graham's law and KMTG
- 5.4 Different type of velocities and real gas equation

Botany

Chapter 4: Biological classification

- 4.10 Fungi (2)
- 4.11 Fungi (3)
- 4.12 Fungi (4)

Zoology

Chapter 6: Excretory products and their Elimination

- 6.2 Evolution of vertebrate kidneys & Human excretory system

Physics

Chapter 4: Motion in a Plane

- 4.5 Introduction of motion in plane, velocity and acceleration in 2-D motion
- 4.6 Projectile Motion: Part A
- 4.7 Projectile Motion: Part B

Chemistry

Chapter 5: States of Matter

- 5.5 Compressibility factor and liquid state

Chapter 6: Thermodynamics

- 6.1 Important thermodynamic terms

Botany

Chapter 4: Biological classification

- 4.13 Viruses, viroids and lichens

Chapter 5: Morphology in flowering plants

- 5.1 The Root

Zoology

Chapter 6: Excretory products and their Elimination

- 6.3 Mechanism of Urine formation
- 6.4 Regulation of Urine formation

Weekly Study Planner

07th Sep., - 13th Sep., 2020

Physics

Chapter 4: Motion in a Plane

- 4.8 Projectile Motion : Part C
- 4.9 Projectile motion as plane inclined
- 4.10 Horizontal Projection, Circular motion

Chemistry

Chapter 6: Thermodynamics

- 6.2 Heat work and internal energy
- 6.3 Internal energy change and enthalpy change

Botany

Chapter 5: Morphology in flowering plants

- 5.2 Stem
- 5.3 Leaf

Zoology

Chapter 7: Locomotion and Movement

- 7.1 Introduction to Locomotion & Movement
- 7.2 Mechanism of Muscle contraction & its types

14th Sep., - 20th Sep., 2020

Physics

Chapter 4: Motion in a Plane

- 4.11 Uniform and nonuniform circular motion radius of curvature
- 4.12 Relative motion in 2-D motion: Part-A
- 4.13 Relative motion in 2-D motion: Part-B

Chemistry

Chapter 6: Thermodynamics

- 6.4 Thermodynamic reaction and heat capacity
- 6.5 Enthalpy change of a reaction and hess law

Botany

Chapter 5: Morphology in flowering plants

- 5.4 Inflorescence
- 5.5 Flower

Zoology

Chapter 7: Locomotion and Movement

- 7.3 Human Skeletal system

Chapter 8: Neural control and coordination

- 8.1 Neural System

Weekly Study Planner

21st Sep., - 27th Sep., 2020

Physics

Chapter 5: Laws of Motion

- 5.1 Introduction to forces & Laws of Motion
- 5.2 Newton's 3rd Law & Importance
- 5.3 Problem Solving Technique
-
-

Chemistry

Chapter 6: Thermodynamics

- 6.6 Enthalpy Change of Different Type of Reactions
- 6.7 Spontaneity, Entropy and Gibb's Energy

Botany

Chapter 5: Morphology in flowering plants

- 5.6 Male and female reproductive part, placentation
- 5.7 Fruits

Zoology

Chapter 8: Neural control and coordination

- 8.2 Central Nervous System I
- 8.3 Central Nervous System II

Physics

Chapter 5: Laws of Motion

- 5.4 Pulley & constraint Motion
- 5.5 Frame of Reference
- 5.6 Friction and Its Type

Chemistry

Chapter 6: Thermodynamics

- 6.8 Spontaneity, Entropy and Gibb's Free Energy Continued

Chapter 7: Equilibrium

- 7.1 Physical Equilibrium

Botany

Chapter 5: Morphology in flowering plants

- 5.8 Seeds

Chapter 6: Anatomy in flowering plants

- 6.1 Tissues

Zoology

Chapter 8: Neural control and coordination

- 8.4 Sensory reception and processing
- 8.5 Mechanism of image formation

Weekly Study Planner

05th Oct., - 11th Oct., 2020

Physics

Chapter 5: Laws of Motion

- 5.7 Multiple block system
- 5.8 Dynamics of Circular Motion
- 5.9 Variety of Numericals (Mixed Concept)

Chemistry

Chapter 7: Equilibrium

- 7.2 Equilibrium Constant
- 7.3 Significance of equilibrium constant

Botany

Chapter 6: Anatomy in flowering plants

- 6.2 Permanent tissue
- 6.3 Complex X, Permanent tissue

Zoology

Chapter 8: Neural control and coordination

- 8.6 Hearing, gustation and olfaction

Chapter 9: Chemical Coordination and integration

- 9.1 Endocrine Glands (I) and Hormones

Physics

Chapter 6: Work, Energy & Power

- 6.1 Introduction to work
- 6.2 Work done by variable forces and kinetic friction
- 6.3 Introduction to Energy

Chemistry

Chapter 7: Equilibrium

- 7.4 Acids and bases
- 7.5 Dissociation of weak acids, weak bases and water

Botany

Chapter 6: Anatomy in flowering plants

- 6.4 Tissue system & Anatomy
- 6.5 Secondary growth in dicot stem

Zoology

Chapter 9: Chemical Coordination and integration

- 9.2 Endocrine Glands (II) and Mechanism of Hormone Action

Chapter 10: Animal Kingdom (non-chordates)

- 10.1 Kingdom Animalia- Basis of classification

Weekly Study Planner

19th Oct., - 25th Oct., 2020

Physics

Chapter 6: Work, Energy & Power

- 6.4 Potential energy and Work energy theorem
- 6.5 Energy Conservation and Power
- 6.6 Motion in a Vertical Circle

Chemistry

Chapter 7: Equilibrium

- 7.6 Hydrolysis of salt and buffer solution
- 7.7 Solubility and solubility product

Botany

Chapter 7: Plant kingdom

- 7.1 Plant kingdom introduction
- 7.2 Algae

Zoology

Chapter 10: Animal Kingdom (non-chordates)

- 10.2 Phylum Porifera
- 10.3 Phylum Cnidaria

Physics

Chapter 6: Work, Energy & Power

- 6.7 Collision (1-Dimensional)
- 6.8 Collision (2-Dimensional)

Chapter 7: System of Particles & Rotational Motion

- 7.1 Introduction to Rotational Mechanics

Chemistry

Chapter 8: Redox reactions

- 8.1 Oxidation and Reduction
- 8.2 Types of Redox reactions & balancing of redox reactions

Botany

Chapter 7: Plant kingdom

- 7.3 Algae (1)
- 7.4 Bryophytes

Zoology

Chapter 10: Animal Kingdom (non-chordates)

- 10.4 Phylum Ctenophora and Phylum Platyhelminthes
- 10.5 Phylum Aschelminthes

Weekly Study Planner

02nd Nov., - 08th Nov., 2020

Physics

Chapter 7: System of Particles & Rotational Motion

- 7.2 Motion of centre of mass
- 7.3 Cross Product and Rotation variables
- 7.4 Relation between Linear & rotational variables

Chemistry

Chapter 8: Redox reactions

- 8.3 Standard reduction potential & Electrochemical Series

Chapter 9: Hydrogen

- 9.1 Hydrogen its preparation and Properties

Botany

Chapter 7: Plant kingdom

- 7.5 Bryophytes (1)
- 7.6 Pteridophytes

Zoology

Chapter 10: Animal Kingdom (non-chordates)

- 10.6 Phylum Annelida
- 10.7 Phylum Arthropoda



Detailed Academic Planner (August-November 2020)



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Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
24-Aug-20	Monday	Physics	4. Motion in a Plane	Lecture Code: 4.1 Scalar and Vector Lecture Code: 4.2 Arithmetics of vectors : Addition Lecture Code: 4.3 Arithmetics of vectors : Subtraction, Resolution of vector Lecture Code: 4.4 Numerical based on arithmetics of vectors	YES	Optional	NA	Ask an Expert (All Day)
		Botany	4. Biological classification	Lecture Code: 4.10 Fungi(2) Lecture Code: 4.11 Fungi(3) Lecture Code: 4.12 Fungi(4)	YES	Optional	NA	Ask an Expert (All Day)
25-Aug-20	Tuesday	Physics	4. Motion in a Plane	Lecture Code: 4.1 Scalar and Vector Lecture Code: 4.2 Arithmetics of vectors : Addition Lecture Code: 4.3 Arithmetics of vectors : Subtraction, Resolution of vector Lecture Code: 4.4 Numerical based on arithmetics of vectors	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	4. Biological classification	Lecture Code: 4.10 Fungi(2) Lecture Code: 4.11 Fungi(3) Lecture Code: 4.12 Fungi(4)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm



Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
26-Aug-20	Wednesday	Revision Day						
27-Aug-20	Thursday	Chemistry	5. States of Matter	Lecture Code: 5.2 The gas laws Lecture Code: 5.3 Dalton's law, Graham's law and KMTG Lecture Code: 5.4 Different type of velocities and real gas equation	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	6. Excretory products and their Elimination	Lecture Code: 6.2 Evolution of vertebrate kidneys & Human excretory system	YES	Optional	NA	Ask an Expert (All Day)
8/28//2020	Friday	Chemistry	5.States of Matter	Lecture Code: 5.2 The gas laws Lecture Code: 5.3 Dalton's law, Graham's law and KMTG Lecture Code: 5.4 Different type of velocities and real gas equation	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	6. Excretory products and their Elimination	Lecture Code: 6.2 Evolution of vertebrate kidneys & Human excretory system	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
29-Aug-20	Saturday	Revision Day						
30-Aug-20	Sunday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
31-Aug-20	Monday	Physics	4. Motion in a Plane	Lecture Code: 4.5 Introduction of motion in plane, velocity and acceleration in 2-D motion Lecture Code: 4.6 Projectile Motion : Part A Lecture Code: 4.7 Projectile Motion : Part B	YES	Optional	NA	Ask an Expert (All Day)
		Botany	4. Biological classification 5. Morphology in flowering plants	Lecture Code: 4.13 Viruses, viroids and lichens Lecture Code: 5.1 The Root	YES	Optional	NA	Ask an Expert (All Day)
1-Sep-20	Tuesday	Physics	4. Motion in a Plane	Lecture Code: 4.5 Introduction of motion in plane, velocity and acceleration in 2-D motion Lecture Code: 4.6 Projectile Motion : Part A Lecture Code: 4.7 Projectile Motion : Part B	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	4. Biological classification 5. Morphology in flowering plants	Lecture Code: 4.13 Viruses, viroids and lichens Lecture Code: 5.1 The Root	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
2-Sep-20	Wednesday	Term Exam-01						
3-Sep-20	Thursday	Chemistry	5.States of Matter 6.Thermodynamics	Lecture Code: 5.5 Compressibility factor and liquid state Lecture Code: 6.1 Important thermodynamic terms	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	6. Excretory products and their Elimination	Lecture Code: 6.3 Mechanism of Urine formation Lecture Code: 6.4 Regulation of Urine formation	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
4-Sep-20	Friday	Chemistry	5.States of Matter 6.Thermodynamics	Lecture Code: 5.5 Compressibility factor and liquid state Lecture Code: 6.1 Important thermodynamic terms	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	6. Excretory products and their Elimination	Lecture Code: 6.3 Mechanism of Urine formation Lecture Code: 6.4 Regulation of Urine formation	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
5-Sep-20	Saturday	Revision Day						
6-Sep-20	Sunday	Subjective Test -01(Home Assignment)						
7-Sep-20	Monday	Physics	4. Motion in a Plane	Lecture Code: 4.8 Projectile Motion : Part C Lecture Code: 4.9 Projectile motion as plane inclined Lecture Code: 4.10 Horizontal Projection, Circular motion	YES	Optional	NA	Ask an Expert (All Day)
		Botany	5. Morphology in flowering plants	Lecture Code: 5.2 Stem Lecture Code: 5.3 Leaf	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
8-Sep-20	Tuesday	Physics	4. Motion in a Plane	Lecture Code: 4.8 Projectile Motion : Part C Lecture Code: 4.9 Projectile motion as plane inclined Lecture Code: 4.10 Horizontal Projection, Circular motion	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	5. Morphology in flowering plants	Lecture Code: 5.2 Stem Lecture Code: 5.3 Leaf	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
9-Sep-20	Wednesday	Revision Day						
10-Sep-20	Thursday	Chemistry	6. Thermodynamics	Lecture Code: 6.2 Heat work and internal energy Lecture Code: 6.3 Internal energy change and enthalpy change	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	7. Locomotion and Movement	Lecture Code: 7.1 Introduction to Locomotion & Movement Lecture Code: 7.2 Mechanism of Muscle contraction & its types	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
11-Sep-20	Friday	Chemistry	6. Thermodynamics	Lecture Code: 6.2 Heat work and internal energy Lecture Code: 6.3 Internal energy change and enthalpy change	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	7. Locomotion and Movement	Lecture Code: 7.1 Introduction to Locomotion & Movement Lecture Code: 7.2 Mechanism of Muscle contraction & its types	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
12-Sep-20	Saturday	Revision Day						
13-Sep-20	Sunday							
14-Sep-20	Monday	Physics	4. Motion in a Plane	Lecture Code: 4.11 Uniform and nonuniform circular motion radius of curvature Lecture Code: 4.12 Relative motion in 2-D motion : Part-A Lecture Code: 4.13 Relative motion in 2-D motion: Part-B	YES	Optional	NA	Ask an Expert (All Day)
		Botany	5. Morphology in flowering plants	Lecture Code: 5.4 Inflorescence Lecture Code: 5.5 Flower	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
15-Sep-20	Tuesday	Physics	4. Motion in a Plane	Lecture Code: 4.11 Uniform and nonuniform circular motion radius of curvature Lecture Code: 4.12 Relative motion in 2-D motion : Part-A Lecture Code: 4.13 Relative motion in 2-D motion: Part-B	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	5. Morphology in flowering plants	Lecture Code: 5.4 Inflorescence Lecture Code: 5.5 Flower	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
16-Sep-20	Wednesday	Revision Day						
17-Sep-20	Thursday	Chemistry	6. Thermodynamics	Lecture Code: 6.4 Thermodynamic reaction and heat capacity Lecture Code: 6.5 Enthalpy change of a reaction and hess law	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	7. Locomotion and Movement 8. Neural control and coordination	Lecture Code: 7.3 Human Skeletal system Lecture Code: 8.1 Neural System	YES	Optional	NA	Ask an Expert (All Day)
18-Sep-20	Friday	Chemistry	6. Thermodynamics	Lecture Code: 6.4 Thermodynamic reaction and heat capacity Lecture Code: 6.5 Enthalpy change of a reaction and hess law	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	7. Locomotion and Movement 8. Neural control and coordination	Lecture Code: 7.3 Human Skeletal system Lecture Code: 8.1 Neural System	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm



Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
19-Sep-20	Saturday	Revision Day						
20-Sep-20	Sunday	Fortnightly Test-05						
21-Sep-20	Monday	Physics	5. Laws of Motion	Lecture Code: 5.1 Introduction to forces & Laws of Motion Lecture Code: 5.2 Newton's 3rd Law & Importance Lecture Code: 5.3 Problem Solving Technique	YES	Optional	NA	Ask an Expert (All Day)
		Botany	5. Morphology in flowering plants	Lecture Code: 5.6 Male and female reproductive part, placentation Lecture Code: 5.7 Fruits	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
22-Sep-20	Tuesday	Physics	5. Laws of Motion	Lecture Code: 5.1 Introduction to forces & Laws of Motion Lecture Code: 5.2 Newton's 3rd Law & Importance Lecture Code: 5.3 Problem Solving Technique	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	5. Morphology in flowering plants	Lecture Code: 5.6 Male and female reproductive part, placentation Lecture Code: 5.7 Fruits	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
23-Sep-20	Wednesday	Revision Day						
24-Sep-20	Thursday	Chemistry	6. Thermodynamics	Lecture Code: 6.6 Enthalpy Change of Different type of Reactions Lecture Code: 6.7 Spontaneity, Entropy and Gibb's Energy	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	8. Neural control and coordination	Lecture Code: 8.2 Central Nervous System I Lecture Code: 8.3 Central Nervous System II	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
25-Sep-20	Friday	Chemistry	6. Thermodynamics	Lecture Code: 6.6 Enthalpy Change of Different type of Reactions Lecture Code: 6.7 Spontaneity, Entropy and Gibb's Energy	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	8. Neural control and coordination	Lecture Code: 8.2 Central Nervous System I Lecture Code: 8.3 Central Nervous System II	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
26-Sep-20	Saturday	Revision Day						
27-Sep-20	Sunday	AIATS-01 (Practice test)						
28-Sep-20	Monday	Physics	5. Laws of Motion	Lecture Code: 5.4 Pulley & constraint Motion Lecture Code: 5.5 Frame of Reference Lecture Code: 5.6 Friction and Its Type	YES	Optional	NA	Ask an Expert (All Day)
		Botany	5. Morphology in flowering plants 6. Anatomy in flowering plants	Lecture Code: 5.8 Seeds Lecture Code: 6.1 Tissues	YES	Optional	NA	Ask an Expert (All Day)
29-Sep-20	Tuesday	Physics	5. Laws of Motion	Lecture Code: 5.4 Pulley & constraint Motion Lecture Code: 5.5 Frame of Reference Lecture Code: 5.6 Friction and Its Type	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	5. Morphology in flowering plants 6. Anatomy in flowering plants	Lecture Code: 5.8 Seeds Lecture Code: 6.1 Tissues	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
30-Sep-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
1-Oct-20	Thursday	Chemistry	6. Thermodynamics 7. Equilibrium	Lecture Code: 6.8 Spontaneity, Entropy and Gibb's Free Energy Continued Lecture Code: 7.1 Physical Equilibrium	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	8. Neural control and coordination	Lecture Code: 8.4 Sensory reception and processing Lecture Code: 8.5 Mechanism of image formation	YES	Optional	NA	Ask an Expert (All Day)
2-Oct-20	Friday	Chemistry	6. Thermodynamics 7. Equilibrium	Lecture Code: 6.8 Spontaneity, Entropy and Gibb's Free Energy Continued Lecture Code: 7.1 Physical Equilibrium	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	8. Neural control and coordination	Lecture Code: 8.4 Sensory reception and processing Lecture Code: 8.5 Mechanism of image formation	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
3-Oct-20	Saturday	Revision Day						
4-Oct-20	Sunday	AIATS-01						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
5-Oct-20	Monday	Physics	5. Laws of Motion	Lecture Code: 5.7 Multiple block system Lecture Code: 5.8 Dynamics of Circular Motion Lecture Code: 5.9 Variety of Numericals (Mixed Concept)	YES	Optional	NA	Ask an Expert (All Day)
		Botany	6. Anatomy in flowering plants	Lecture Code: 6.2 Permanent tissue Lecture Code: 6.3 Complex X, Permanent tissue	YES	Optional	NA	Ask an Expert (All Day)
6-Oct-20	Tuesday	Physics	5. Laws of Motion	Lecture Code: 5.7 Multiple block system Lecture Code: 5.8 Dynamics of Circular Motion Lecture Code: 5.9 Variety of Numericals (Mixed Concept)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	6. Anatomy in flowering plants	Lecture Code: 6.2 Permanent tissue Lecture Code: 6.3 Complex X, Permanent tissue	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
7-Oct-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
8-Oct-20	Thursday	Chemistry	7. Equilibrium	Lecture Code: 7.2 Equilibrium Constant Lecture Code: 7.3 Significance of equilibrium constant	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	8. Neural control and coordination 9. Chemical Coordination and integration	Lecture Code: 8.6 Hearing, gustation and olfaction Lecture Code: 9.1 Endocrine Glands (I) and Hormones	YES	Optional	NA	Ask an Expert (All Day)
9-Oct-20	Friday	Chemistry	7. Equilibrium	Lecture Code: 7.2 Equilibrium Constant Lecture Code: 7.3 Significance of equilibrium constant	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	8. Neural control and coordination 9. Chemical Coordination and integration	Lecture Code: 8.6 Hearing, gustation and olfaction Lecture Code: 9.1 Endocrine Glands (I) and Hormones	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
10-Oct-20	Saturday	Revision Day						
11-Oct-20	Sunday							

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
12-Oct-20	Monday	Physics	6. Work, Energy & Power	Lecture Code: 6.1 Introduction to work Lecture Code: 6.2 Work done by variable forces and kinetic friction Lecture Code: 6.3 Introduction to Energy	YES	Optional	NA	Ask an Expert (All Day)
		Botany	6. Anatomy in flowering plants	Lecture Code: 6.4 Tissue system & Anatomy Lecture Code: 6.5 Secondary growth in dicot stem	YES	Optional	NA	Ask an Expert (All Day)
13-Oct-20	Tuesday	Physics	6. Work, Energy & Power	Lecture Code: 6.1 Introduction to work Lecture Code: 6.2 Work done by variable forces and kinetic friction Lecture Code: 6.3 Introduction to Energy	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	6. Anatomy in flowering plants	Lecture Code: 6.4 Tissue system & Anatomy Lecture Code: 6.5 Secondary growth in dicot stem	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
14-Oct-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
15-Oct-20	Thursday	Chemistry	7. Equilibrium	Lecture Code: 7.4 Acids and bases Lecture Code: 7.5 Dissociation of weak acids, weak bases and water	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	9. Chemical Coordination and integration 10. Animal Kingdom (non- chordates)	Lecture Code: 9.2 Endocrine Glands (II) and Mechanism of Hormone Action Lecture Code: 10.1 Kingdom Animalia- Basis of classification	YES	Optional	NA	Ask an Expert (All Day)
16-Oct-20	Friday	Chemistry	7. Equilibrium	Lecture Code: 7.4 Acids and bases Lecture Code: 7.5 Dissociation of weak acids, weak bases and water	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	9. Chemical Coordination and integration 10. Animal Kingdom (non- chordates)	Lecture Code: 9.2 Endocrine Glands (II) and Mechanism of Hormone Action Lecture Code: 10.1 Kingdom Animalia- Basis of classification	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
17-Oct-20	Saturday	Revision Day						
18-Oct-20	Sunday	Fortnightly Test-06						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
19-Oct-20	Monday	Physics	6. Work, Energy & Power	Lecture Code: 6.4 Potential energy and Work energy theorem Lecture Code: 6.5 Energy Conservation and Power Lecture Code: 6.6 Motion in a Vertical Circle	YES	Optional	NA	Ask an Expert (All Day)
		Botany	7. Plant kingdom	Lecture Code: 7.1 Plant kingdom introduction Lecture Code: 7.2 Algae	YES	Optional	NA	Ask an Expert (All Day)
20-Oct-20	Tuesday	Physics	6. Work, Energy & Power	Lecture Code: 6.4 Potential energy and Work energy theorem Lecture Code: 6.5 Energy Conservation and Power Lecture Code: 6.6 Motion in a Vertical Circle	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	7. Plant kingdom	Lecture Code: 7.1 Plant kingdom introduction Lecture Code: 7.2 Algae.	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
21-Oct-20	Wednesday	Subjective Test-02(Home Assignment)						
22-Oct-20	Thursday	Chemistry	7. Equilibrium	Lecture Code: 7.6 Hydrolysis of salt and buffer solution Lecture Code: 7.7 Solubility and solubility product	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	10. Animal Kingdom (non- chordates)	Lecture Code: 10.2 Phylum Porifera Lecture Code: 10.3 Phylum Cnidaria	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
23-Oct-20	Friday	Chemistry	7. Equilibrium	Lecture Code: 7.6 Hydrolysis of salt and buffer solution Lecture Code: 7.7 Solubility and solubility product	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	10. Animal Kingdom (non- chordates)	Lecture Code: 10.2 Phylum Porifera Lecture Code: 10.3 Phylum Cnidaria	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
24-Oct-20	Saturday	Revision Day						
25-Oct-20	Sunday	Revision Day						
26-Oct-20	Monday	Physics	6. Work, Energy & Power 7. System of Particles & Rotational Motion	Lecture Code: 6.7 Collision (1-Dimensional) Lecture Code: 6.8 Collision (2-Dimensional) Lecture Code: 7.1 Introduction to Rotational Mechanics	YES	Optional	NA	Ask an Expert (All Day)
		Botany	7. Plant kingdom	Lecture Code: 7.3 Algae(1) Lecture Code: 7.4 Bryophytes	YES	Optional	NA	Ask an Expert (All Day)
27-Oct-20	Tuesday	Physics	6. Work, Energy & Power 7. System of Particles & Rotational Motion	Lecture Code: 6.7 Collision (1-Dimensional) Lecture Code: 6.8 Collision (2-Dimensional) Lecture Code: 7.1 Introduction to Rotational Mechanics	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	7. Plant kingdom	Lecture Code: 7.3 Algae(1) Lecture Code: 7.4 Bryophytes	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
28-Oct-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
29-Oct-20	Thursday	Chemistry	8. Redox reactions	Lecture Code: 8.1 Oxidation and Reduction Lecture Code: 8.2 Types of Redox reactions & balancing of redox reactions	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	10. Animal Kingdom (non- chordates)	Lecture Code: 10.4 Phylum Ctenophora and Phylum Platyhelminthes Lecture Code: 10.5 Phylum Aschelminthes	YES	Optional	NA	Ask an Expert (All Day)
30-Oct-20	Friday	Chemistry	8. Redox reactions	Lecture Code: 8.1 Oxidation and Reduction Lecture Code: 8.2 Types of Redox reactions & balancing of redox reactions	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	10. Animal Kingdom (non- chordates)	Lecture Code: 10.4 Phylum Ctenophora and Phylum Platyhelminthes Lecture Code: 10.5 Phylum Aschelminthes	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
31-Oct-20	Saturday	Revision Day						
1-Nov-20	Sunday							

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
2-Nov-20	Monday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.2 Motion of centre of mass Lecture Code: 7.3 Cross Product and Rotation variables Lecture Code: 7.4 Relation between Linear & rotational variables	YES	Optional	NA	Ask an Expert (All Day)
		Botany	7. Plant kingdom	Lecture Code: 7.5 Bryophytes(1) Lecture Code: 7.6 Pteridophytes	YES	Optional	NA	Ask an Expert (All Day)
3-Nov-20	Tuesday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.2 Motion of centre of mass Lecture Code: 7.3 Cross Product and Rotation variables Lecture Code: 7.4 Relation between Linear & rotational variables	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	7. Plant kingdom	Lecture Code: 7.5 Bryophytes(1) Lecture Code: 7.6 Pteridophytes	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
4-Nov-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
Term Exam	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

Daily Schedule for Long Term Students : Class XI (Phase-04) for NEET 2022
August - November - 2020 - English (New Version)

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
5-Nov-20	Thursday	Chemistry	8. Redox reactions 9. Hydrogen	Lecture Code: 8.3 Standard reduction potential & Electrochemical Series Lecture Code: 9.1 Hydrogen its preparation and Properties	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	10. Animal Kingdom (non- chordates)	Lecture Code: 10.6 Phylum Annelida Lecture Code: 10.7 Phylum Arthropoda	YES	Optional	NA	Ask an Expert (All Day)
6-Nov-20	Friday	Chemistry	8. Redox reactions 9. Hydrogen	Lecture Code: 8.3 Standard reduction potential & Electrochemical Series Lecture Code: 9.1 Hydrogen its preparation and Properties	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	10. Animal Kingdom (non- chordates)	Lecture Code: 10.6 Phylum Annelida Lecture Code: 10.7 Phylum Arthropoda	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
7-Nov-20	Saturday	Revision Day						
8-Nov-20	Sunday	AIATS-02						



Test Planner (August-November 2020)



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Two Year Medical (Phase-04) : Planner for AIATS, Fortnightly Test, Term Exam and Subjective Test - 2020-2022
August - November- 2020

Test No.	Test Date	Day	Topic			
			Physics	Chemistry	Botany	Zoology
Term Exam-01 (3 Hr. Exam on NEET Pattern)	2nd Sep	Wednesday	Term Exam-01 (3 Hr. Exam on NEET Pattern : 180 MCQs, 45 MCQs from each Subject - Phy, Chem, Bot, Zoo)			
			Physical World, Units & Measurements, Motion in a Straight Line: Introduction, Position, Path length and displacement, Average velocity & average speed., Differential calculus, Applications of differential calculus, Instantaneous velocity & speed, Acceleration	Some Basic Concepts of Chemistry, Structure of Atom: Sub-atomic particles : Discovery of electron, Charge to mass ratio of electron, Charge on electron, Discovery of proton and neutron. Thomson model of atom, Rutherford's nuclear model of atom, Atomic and Mass number, Isobars and isotopes., Particle nature of electromagnetic radiation : Plank's quantum theory, Photoelectric effect, Dual behaviour of electromagnetic radiation.	Cell: The Unit of Life, Cell Cycle & Cell Division, The living world (Upto Systematics)	Structural organisation in Animals–Animal Tissues, Biomolecules (upto Induced fit theory)
Subjective Test-01 (Home assignment)	6th Sep	Sunday	Subjective Test-01 (Home Assignment)			
			Physical World, Units & Measurements, Motion in a Straight Line: Introduction, Position, Path length and displacement, Average velocity & average speed., Differential calculus, Applications of differential calculus, Instantaneous velocity & speed, Acceleration	Some Basic Concepts of Chemistry, Structure of Atom: Sub-atomic particles : Discovery of electron, Charge to mass ratio of electron, Charge on electron, Discovery of proton and neutron. Thomson model of atom, Rutherford's nuclear model of atom, Atomic and Mass number, Isobars and isotopes., Particle nature of electromagnetic radiation : Plank's quantum theory, Photoelectric effect, Dual behaviour of electromagnetic radiation.	Cell: The Unit of Life, Cell Cycle & Cell Division, The living world (Upto Systematics)	Structural organisation in Animals–Animal Tissues, Biomolecules (upto Induced fit theory)

Two Year Medical (Phase-04) : Planner for AIATS, Fortnightly Test, Term Exam and Subjective Test - 2020-2022
August - November- 2020

Test No.	Test Date	Day	Topic			
			Physics	Chemistry	Botany	Zoology
Fortnightly Test-05	20th Sep	Sunday	Motion in a Plane: Introduction, Scalars & Vectors, Multiplication of vectors by real numbers, Addition & subtraction of vectors-graphical method., Resolution of vectors, Vector addition-analytical method., Motion in a plane, Motion in a plane with constant acceleration.	Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure: Kossel-Lewis approach to chemical bonding, Octet rule, Covalent bond, Lewis representation of simple molecules, Formal charge	Biological Classification : Introduction, Kingdom system of classification- two kingdom, three kingdom, four kingdom, five kingdom, Six kingdom, Domains of life, Kingdom Monera- Characters of monera, Shape of bacteria, Bacterial Life process - Respiration, Nutrition, Reproduction- Asexual, Sexual recombination Economic importance of bacteria, Archaeobacteria- methanogens, halophiles, thermoacidophiles, Eubacteria – Cyanobacteria, <i>Mycoplasma</i> , Protista- General characters, Chrysophytes, Dinoflagellates, Euglenoids, Slime moulds, Protozoans-major groups with some salient features	Digestion and Absorption, Breathing & Exchange of Gases-I: Respiratory organs, Human respiratory passage Mechanism of breathing, Respiratory/Pulmonary volumes/Respiratory capacities, Exchange of gases between alveoli & blood; exchange of gases between blood & tissue cells., Transport of oxygen, Bohr's effect; Transport of carbon dioxide, Chloride shift (Hamburger's phenomenon), Haldane effect
AIATS Practice Test -01	27th Sep	Sunday	Physical world, Units and Measurement, Motion in a straight line	Some basic concept of chemistry, Structure of atom	Cell : The Unit of Life, Cell Cycle and Cell Division	Structural organisation in Animals–Animal Tissues only, Biomolecules
AIATS - 01	4th Oct	Sunday	Physical world, Units and Measurement, Motion in a straight line	Some basic concept of chemistry, Structure of atom	Cell : The Unit of Life, Cell Cycle and Cell Division	Structural organisation in Animals–Animal Tissues only, Biomolecules
Fortnightly Test-06	18th Oct	Sunday	Motion in a Plane(Contd.): Relative velocity in two dimensions, Projectile motion – Equation of path of a projectile. Time of flight, Maximum height, Horizontal range, Uniform circular motion.	Chemical Bonding and Molecular Structure: Limitations of octet rule : Incomplete octet of the central atom, odd-electron molecule, The expanded octet., Ionic or electrovalent bond, Lattice enthalpy, bond parameters : Bond length, Bond angles, Bond enthalpy, Bond-order, Resonance structures, Polarity of bonds, Dipole moment and molecular structures, Percentage ionic character, The valence shell electron pair repulsion theory., Valence bond theory : Orbital overlap concept, Directional properties of bonds, Overlapping of atomic orbitals, Types of overlapping and nature of covalent bonds. Strength of s & p-bonds.	Biological Classification(Contd.): Fungi-general characters, Reproduction in fungi, Characters of different classes of fungi - Phycomycetes, Ascomycetes, Basidiomycetes, Deuteromycetes	Breathing & Exchange of Gases-II: Regulation of respiration, Respiratory disorders, Body Fluids & Circulation-I: Fluid connective tissue–Blood & composition of blood-blood cells & plasma, blood coagulation, clotting factors, lymph, Circulatory pathways, Human circulatory system-external structure of heart, Internal structure- Atria, Ventricle, Valves, Histology of heart wall, working of heart, Cardiac cycle, Heart sounds, conducting system of heart, ECG- Normal ECG & changes as indication of heart diseases

Two Year Medical (Phase-04) : Planner for AIATS, Fortnightly Test, Term Exam and Subjective Test - 2020-2022
August - November- 2020

Test No.	Test Date	Day	Topic			
			Physics	Chemistry	Botany	Zoology
Subjective Test-02 (Home Assignment)						
Subjective Test-02 (Home assignment)	21st Oct	Wednesday	<p>Motion in a Straight Line: Integral calculus, Applications of Integral calculus. Graphs (slope, area etc.), Kinematic equations for uniformly accelerated motion., Motion under gravity, Relative velocity in one dimension, Motion in a Plane</p>	<p>Structure of Atom: Emission and absorption spectra, Line spectrum of hydrogen, Bohr's model for hydrogen atom, Explanation of Bohr's model., Dual behaviour of matter, Heisenberg's uncertainty principle, Significance of uncertainty principle, Quantum mechanics, Hydrogen atom and the Schrodinger equation, Orbitals and Quantum numbers, Shapes of atomic orbitals, Energies of atomic orbitals, Filling of orbitals in atom : Aufbau principle, Pauli's exclusion principle, Hund's rule of maximum multiplicity, Electronic configuration of atoms, Causes of stability of completely filled and half filled sub-shells., Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure: Kossel-Lewis approach to chemical bonding, Octet rule, Covalent bond, Formal charge, Limitations of octet rule : Incomplete octet of the central atom, odd-electron molecule, Ionic or electrovalent bond, Lattice enthalpy, bond parameters, Resonance structures, Dipole moment and molecular structures, Percentage ionic character, The valence shell electron pair repulsion theory. Types of overlapping and nature of covalent bonds. Strength of s & p-bonds.</p>	<p>The living world(Contd.): Taxonomic Categories, Biological concept of species Taxonomical aids - Herbarium, Botanical gardens, museum, zoological parks, Key, Flora, Manual, Monographs, Catalogues, Biological Classification: Upto Deuteromycetes.</p>	<p>Biomolecules: Enzymes: Factors affecting the enzyme activity: substrate concentration, Km value, Product concentration, Temperature, pH; Enzyme inhibition-competitive, Non competitive, Allosteric enzymes, Isoenzymes and proenzymes, cofactors , Digestion & Absorption, Breathing & Exchange of Gases, Body Fluids & Circulation-I: Fluid connective tissue–Blood & composition of blood-blood cells & plasma, blood coagulation, clotting factors, lymph, Circulatory pathways, Human circulatory system- external structure of heart, Internal structure-Atria, Ventricle, Valves, Histology of heart wall, working of heart, Cardiac cycle, Heart sounds, conducting system of heart, ECG-Normal ECG & changes as indication of heart diseases.</p>
AIATS - 02	8th Nov	Sunday	Motion in a Plane	Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure:	The living world, Biological Classification,	Digestion and Absorption, Breathing & exchange of gases.



Study Planner

for

TYM (Phase-4)

XI-NEET

(November 2020 - February 2021)



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Weekly Study Planner

9th Nov. - 15th Nov., 2020

Physics

Chapter 7: System of Particles & Rotational Motion

- 7.5 Angular Momentum & Principle of Moments
- 7.6 Moment of Inertia-I

Chemistry

Chapter 9: Hydrogen

- 9.2 Water(H_2O), Heavy Water(D_2O), Hydrogen Peroxide(H_2O_2)

Botany

Chapter 7: Plant Kingdom

- 7.7 Pteridophytes(1)
- 7.8 Pteridophytes(2)

Zoology

Chapter 10: Animal Kingdom(Non-chordates)

- 10.7 Phylum Arthropoda(Contd.)

16th Nov. - 22nd Nov., 2020

Physics

Chapter 7: System of Particles & Rotational Motion

- 7.7 Moment of Inertia-II
- 7.8 Dynamics of Rotational Motion about Fixed Axis

Chemistry

Chapter 10: The s-Block Elements

- 10.1 Alkali Metals

Botany

Chapter 7: Plant Kingdom

- 7.9 Gymnosperm
- 7.10 Angiosperm

Zoology

Chapter 10: Animal Kingdom(Non-chordates)

- 10.8 Phylum Mollusca
- 10.9 Phylum Echinodermata and Phylum Hemichordata

Weekly Study Planner

23rd Nov. - 29th Nov., 2020

Physics

Chapter 7: System of Particles & Rotational Motion

- 7.9 Combined Translational & Rotational Motion
- 7.10 Rolling Motion

Chemistry

Chapter 10: The s-Block Elements

- 10.2 Compounds of Alkali Metals & General Properties of Alkaline Earth Metals

Botany

Chapter 8: Transport in Plants

- 8.1 Means of Transport
- 8.2 Plant Water Relation

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.1 Phylum Chordata

Physics

Chapter 8: Gravitation

- 8.1 Kepler's Law and Principle of Superposition
- 8.2 Acceleration Due to Gravity
- 8.3 Gravitational Field Intensity and Gravitational Potential Energy

Chemistry

Chapter 10: The s-Block Elements

- 10.3 Compounds of Alkaline Earth Metals

Botany

Chapter 8: Transport in Plants

- 8.3 Plant Water Relation and Long Distance Transport of Water

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.2 Phylum Vertebrata-I

Weekly Study Planner

7th Dec. - 13th Dec., 2020

Physics

Chapter 8: Gravitation

- 8.4 Gravitational Potential & Satellites
- 8.5 Miscellaneous Topics

Chemistry

Chapter 11: The p-Block Elements

- 11.1 Group 13 Elements(The Boron Family)

Botany

Chapter 8: Transport in Plants

- 8.4 Mechanism of Water Absorption

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.2 Phylum Vertebrata-I(Contd.)

Physics

Chapter 9: Mechanical Properties of Solids

- 9.1 Introduction to Elasticity and Its Parameters
- 9.2 Elastic Potential Energy and Poisson's Ratio

Chemistry

Chapter 11: The p-Block Elements

- 11.2 Group 14 Elements(The Carbon Family)

Botany

Chapter 8: Transport in Plants

- 8.5 Transpiration

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.3 Phylum Vertebrata-II

14th Dec. - 20th Dec., 2020

Weekly Study Planner

21st Dec. - 27th Dec., 2020

Physics

Chapter 10: Mechanical Properties of Fluids

- 10.1 Introduction to Fluid Mechanics
- 10.2 Archimedes Principle and Its Application
- 10.3 Liquids in Non-inertial Frame

Chemistry

Chapter 12: Organic Chemistry: Some Basic Principles & Techniques

- 12.1 Classification of Organic Compound and Nomenclature of Hydrocarbon
- 12.2 IUPAC Nomenclature of Organic Compounds

Botany

Chapter 8: Transport in Plants

- 8.6 Uptake, Transport and Translocation of Mineral Ions and Phloem Transport

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.3 Phylum Vertebrata-II(Contd.)

28th Dec., 2020 - 3rd Jan., 2021

Physics

Chapter 10: Mechanical Properties of Fluids

- 10.4 Bernoulli's Theorem
- 10.5 Flow of Liquids

Chemistry

Chapter 12: Organic Chemistry: Some Basic Principles & Techniques

- 12.3 Isomerism in Organic Compound
- 12.4 Fundamental Concept in Organic Reaction Mechanism - Electronic Displacement

Botany

Chapter 9: Mineral Nutrition

- 9.1 Introduction and Role of Macro Elements

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.4 Phylum Vertebrata-III

Weekly Study Planner

4th Jan. - 10th Jan., 2021

Physics

Chapter 10: Mechanical Properties of Fluids

- 10.6 Surface Tension & Excess Pressure
- 10.7 Capillary Action & Application

Chemistry

Chapter 12: Organic Chemistry: Some Basic Principles & Techniques

- 12.5 Types of Reaction Intermediates
- 12.6 Questions Based on Relative Intermediate, Isomerism and Fission of Bond

Botany

Chapter 9: Mineral Nutrition

- 9.2 Role of Mineral Elements
- 9.3 Metabolism of Nitrogen

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.5 Phylum Vertebrata-IV

Physics

Chapter 11: Thermal Properties of Matter

- 11.1 Thermal Expansion
- 11.2 Heat Capacity of a Body
- 11.3 Phase Change & Modes of Heat Transfer

Chemistry

Chapter 12: Organic Chemistry: Some Basic Principles & Techniques

- 12.7 Types of Organic Reactions and Mechanisms(Part-I)
- 12.8 Types of Organic Reactions and Mechanisms(Part-II)

Botany

Chapter 10: Photosynthesis in Higher Plants

- 10.1 Introduction, Contributions of Some Scientists, Photosynthetic Pigments

Zoology

Chapter 11: Animal Kingdom(Chordates)

- 11.6 Phylum Vertebrata-V

11th Jan. - 17th Jan., 2021

Weekly Study Planner

18th Jan. - 24th Jan., 2021

Physics

Chapter 11: Thermal Properties of Matter

11.4 Convection and Radiation

11.5 Newton's Law of Cooling

Chapter 12: Thermodynamics

12.1 Zeroth & First Law of Thermodynamics

Chemistry

Chapter 12: Organic Chemistry: Some Basic Principles & Techniques

12.9 Methods of Purification of Organic Compounds

12.10 Qualitative and Quantitative Analysis of Organic Compounds

Botany

Chapter 10: Photosynthesis in Higher Plants

10.2 Mechanism of Photosynthesis

10.3 Mechanism of Photosynthesis(1)

Zoology

Chapter 12: Structural Organisation in Animals(Animal Morphology)

12.1 Animal Morphology-I

Physics

Chapter 12: Thermodynamics

12.2 Thermodynamic Processes

12.3 Thermodynamic Processes(Contd.)

12.4 Heat Engine, Refrigerator and Second Law of Thermodynamics

Chemistry

Chapter 13: Hydrocarbons

13.1 Alkanes

13.2 Alkenes

Botany

Chapter 10: Photosynthesis in Higher Plants

10.4 Photorespiration

10.5 Factors Affecting Photosynthesis

Zoology

Chapter 12: Structural Organisation in Animals(Animal Morphology)

12.2 Animal Morphology-II

Weekly Study Planner

1st Feb. - 7th Feb., 2021

Physics

Chapter 13: Kinetic Theory of Gases

- 13.1 Kinetic Theory of Gas
- 13.2 Law of Equipartition of Energy and Specific Heat of Gas

Chapter 14: Oscillations

- 14.1 Simple Harmonic Motion
- 14.2 Relation Between Displacement, Velocity & Acceleration of Particle in SHM

Chemistry

Chapter 13: Hydrocarbons

- 13.3 Preparation & Chemical Properties of Alkenes
- 13.4 Alkyne

Botany

Chapter 11: Respiration in Plants

- 11.1 Introduction, Glycolysis

Zoology

Chapter 12: Structural Organisation in Animals(Animal Morphology)

- 12.3 Animal Morphology-III(Cockroach)

Physics

Chapter 14: Oscillations

- 14.3 Energy in SHM
- 14.4 Oscillation of Spring-block(Non-ideal) System and Simple Pendulum
- 14.5 Damped & Forced Oscillations

Chapter 15: Waves

- 15.1 Introduction to Plane Progressive Harmonic Wave
- 15.2 Particle Velocity, Energy and Intensity of Wave

Chemistry

Chapter 13: Hydrocarbons

- 13.5 Benzene

Botany

Chapter 11: Respiration in Plants

- 11.2 Aerobic Respiration-Kreb's Cycle, Electron Transport System

Zoology

Chapter 12: Structural Organisation in Animals(Animal Morphology)

- 12.3 Animal Morphology-III (Cockroach)(Contd.)

8th Feb. - 14th Feb., 2021

Weekly Study Planner

15th Feb. - 21st Feb., 2021

Physics

Chapter 15: Waves

- 15.3 Longitudinal Wave
- 15.4 Reflection and Transmission of Waves, Stationary Wave
- 15.5 Normal Modes of Vibration in Organ Pipe, Beats
- 15.6 Doppler's Effect

Chemistry

Chapter 14: Environmental Chemistry

- 14.1 Pollution, Causes of Pollution and Green Chemistry

Botany

Chapter 12: Plant Growth & Development

- 12.1 Introduction, Phases of Growth, Growth Rates, Development
- 12.2 Classification of Phytohormones
- 12.3 Seed Dormancy, Seed Germination, Photoperiodism

Zoology

Chapter 12: Structural Organisation in Animals (Animal Morphology)

- 12.4 Animal Morphology-IV



Detailed Academic Planner (November 2020 - February 2021)



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Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
9-Nov-20	Monday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.5 Angular Momentum & Principle of Moments Lecture Code: 7.6 Moment of Inertia-I	YES	Optional	NA	Ask an Expert (All Day)
		Botany	7. Plant Kingdom	Lecture Code: 7.7 Pteridophytes(1) Lecture Code: 7.8 Pteridophytes(2)	YES	Optional	NA	Ask an Expert (All Day)
10-Nov-20	Tuesday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.5 Angular Momentum & Principle of Moments Lecture Code: 7.6 Moment of Inertia-I	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	7. Plant Kingdom	Lecture Code: 7.7 Pteridophytes(1) Lecture Code: 7.8 Pteridophytes(2)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
11-Nov-20	Wednesday	Revision Day						
12-Nov-20	Thursday	Chemistry	9. Hydrogen	Lecture Code: 9.2 Water(H ₂ O), Heavy Water(D ₂ O), Hydrogen Peroxide(H ₂ O ₂)	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	10. Animal Kingdom(Non-chordates)	Lecture Code: 10.7 Phylum Arthropoda (Contd.)	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
13-Nov-20	Friday	Chemistry	9. Hydrogen	Lecture Code: 9.2 Water(H ₂ O), Heavy Water(D ₂ O), Hydrogen Peroxide(H ₂ O ₂)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	10. Animal Kingdom(Non-chordates)	Lecture Code: 10.7 Phylum Arthropoda (Contd.)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
14-Nov-20	Saturday	Revision Day						
15-Nov-20	Sunday							
16-Nov-20	Monday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.7 Moment of Inertia-II Lecture Code: 7.8 Dynamics of Rotational Motion about Fixed Axis	YES	Optional	NA	Ask an Expert (All Day)
		Botany	7. Plant Kingdom	Lecture Code: 7.9 Gymnosperm Lecture Code: 7.10 Angiosperm	YES	Optional	NA	Ask an Expert (All Day)
17-Nov-20	Tuesday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.7 Moment of Inertia-II Lecture Code: 7.8 Dynamics of Rotational Motion about Fixed Axis	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	7. Plant Kingdom	Lecture Code: 7.9 Gymnosperm Lecture Code: 7.10 Angiosperm	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
18-Nov-20	Wednesday	Fortnightly Test-07						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
19-Nov-20	Thursday	Chemistry	10. The s-Block Elements	Lecture Code: 10.1 Alkali Metals	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	10. Animal Kingdom(Non-chordates)	Lecture Code: 10.8 Phylum Mollusca Lecture Code: 10.9 Phylum Echinodermata and Phylum Hemichordata	YES	Optional	NA	Ask an Expert (All Day)
20-Nov-20	Friday	Chemistry	10. The s-Block Elements	Lecture Code: 10.1 Alkali Metals	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	10. Animal Kingdom(Non-chordates)	Lecture Code: 10.8 Phylum Mollusca Lecture Code: 10.9 Phylum Echinodermata and Phylum Hemichordata	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
21-Nov-20	Saturday	Revision Day						
22-Nov-20	Sunday							
23-Nov-20	Monday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.9 Combined Translational & Rotational Motion Lecture Code: 7.10 Rolling Motion	YES	Optional	NA	Ask an Expert (All Day)
		Botany	8. Transport in Plants	Lecture Code: 8.1 Means of Transport Lecture Code: 8.2 Plant Water Relation	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
24-Nov-20	Tuesday	Physics	7. System of Particles & Rotational Motion	Lecture Code: 7.9 Combined Translational & Rotational Motion Lecture Code: 7.10 Rolling Motion	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	8. Transport in Plants	Lecture Code: 8.1 Means of Transport Lecture Code: 8.2 Plant Water Relation	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
25-Nov-20	Wednesday	Revision Day						
26-Nov-20	Thursday	Chemistry	10. The s-Block Elements	Lecture Code: 10.2 Compounds of Alkali Metals & General Properties of Alkaline Earth Metals	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.1 Phylum Chordata	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
27-Nov-20	Friday	Chemistry	10. The s-Block Elements	Lecture Code: 10.2 Compounds of Alkali Metals & General Properties of Alkaline Earth Metals	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.1 Phylum Chordata	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
28-Nov-20	Saturday	Revision Day						
29-Nov-20	Sunday	AIATS-02						
30-Nov-20	Monday	Physics	8. Gravitation	Lecture Code: 8.1 Kepler's Law and Principle of Superposition Lecture Code: 8.2 Acceleration Due to Gravity Lecture Code: 8.3 Gravitational Field Intensity and Gravitational Potential Energy	YES	Optional	NA	Ask an Expert (All Day)
		Botany	8. Transport in Plants	Lecture Code: 8.3 Plant Water Relation and Long Distance Transport of Water	YES	Optional	NA	Ask an Expert (All Day)
1-Dec-20	Tuesday	Physics	8. Gravitation	Lecture Code: 8.1 Kepler's Law and Principle of Superposition Lecture Code: 8.2 Acceleration Due to Gravity Lecture Code: 8.3 Gravitational Field Intensity and Gravitational Potential Energy	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	8. Transport in Plants	Lecture Code: 8.3 Plant Water Relation and Long Distance Transport of Water	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
2-Dec-20	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
3-Dec-20	Thursday	Chemistry	10. The s-Block Elements	Lecture Code: 10.3 Compounds of Alkaline Earth Metals	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.2 Phylum Vertebrata-I	YES	Optional	NA	Ask an Expert (All Day)
4-Dec-20	Friday	Chemistry	10. The s-Block Elements	Lecture Code: 10.3 Compounds of Alkaline Earth Metals	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.2 Phylum Vertebrata-I	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
5-Dec-20	Saturday	Revision Day						
6-Dec-20	Sunday							
7-Dec-20	Monday	Physics	8. Gravitation	Lecture Code: 8.4 Gravitational Potential & Satellites Lecture Code: 8.5 Miscellaneous Topics	YES	Optional	NA	Ask an Expert (All Day)
		Botany	8. Transport in Plants	Lecture Code: 8.4 Mechanism of Water Absorption	YES	Optional	NA	Ask an Expert (All Day)
8-Dec-20	Tuesday	Physics	8. Gravitation	Lecture Code: 8.4 Gravitational Potential & Satellites Lecture Code: 8.5 Miscellaneous Topics	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	8. Transport in Plants	Lecture Code: 8.4 Mechanism of Water Absorption	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
9-Dec-20	Wednesday	Revision Day						
10-Dec-20	Thursday	Chemistry	11. The p-Block Elements	Lecture Code: 11.1 Group 13 Elements(The Boron Family)	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.2 Phylum Vertebrata-I (Contd.)	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
11-Dec-20	Friday	Chemistry	11. The p-Block Elements	Lecture Code: 11.1 Group 13 Elements(The Boron Family)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.2 Phylum Vertebrata-I (Contd.)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
12-Dec-20	Saturday	Revision Day						
13-Dec-20	Sunday							
14-Dec-20	Monday	Physics	9. Mechanical Properties of Solids	Lecture Code: 9.1 Introduction to Elasticity and Its Parameters Lecture Code: 9.2 Elastic Potential Energy and Poisson's Ratio	YES	Optional	NA	Ask an Expert (All Day)
		Botany	8. Transport in Plants	Lecture Code: 8.5 Transpiration	YES	Optional	NA	Ask an Expert (All Day)
15-Dec-20	Tuesday	Physics	9. Mechanical Properties of Solids	Lecture Code: 9.1 Introduction to Elasticity and Its Parameters Lecture Code: 9.2 Elastic Potential Energy and Poisson's Ratio	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	8. Transport in Plants	Lecture Code: 8.5 Transpiration	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
16-Dec-20	Wednesday	Fortnightly Test-08						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
17-Dec-20	Thursday	Chemistry	11. The p-Block Elements	Lecture Code: 11.2 Group 14 Elements(The Carbon Family)	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.3 Phylum Vertebrata-II	YES	Optional	NA	Ask an Expert (All Day)
18-Dec-20	Friday	Chemistry	11. The p-Block Elements	Lecture Code: 11.2 Group 14 Elements(The Carbon Family)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.3 Phylum Vertebrata-II	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
19-Dec-20	Saturday	Revision Day						
20-Dec-20	Sunday							
21-Dec-20	Monday	Physics	10. Mechanical Properties of Fluids	Lecture Code: 10.1 Introduction to Fluid Mechanics Lecture Code: 10.2 Archimedes Principle and Its Application Lecture Code: 10.3 Liquids in Non-inertial Frame	YES	Optional	NA	Ask an Expert (All Day)
		Botany	8. Transport in Plants	Lecture Code: 8.6 Uptake, Transport and Translocation of Mineral Ions and Phloem Transport	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
22-Dec-20	Tuesday	Physics	10. Mechanical Properties of Fluids	Lecture Code: 10.1 Introduction to Fluid Mechanics Lecture Code: 10.2 Archimedes Principle and Its Application Lecture Code: 10.3 Liquids in Non-inertial Frame	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	8. Transport in Plants	Lecture Code: 8.6 Uptake, Transport and Translocation of Mineral Ions and Phloem Transport	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
23-Dec-20	Wednesday	Revision Day						
24-Dec-20	Thursday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.1 Classification of Organic Compound and Nomenclature of Hydrocarbon Lecture Code: 12.2 IUPAC Nomenclature of Organic Compounds	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.3 Phylum Vertebrata-II(Contd.)	YES	Optional	NA	Ask an Expert (All Day)
25-Dec-20	Friday	Christmas Day (Holiday)						
26-Dec-20	Saturday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.1 Classification of Organic Compound and Nomenclature of Hydrocarbon Lecture Code: 12.2 IUPAC Nomenclature of Organic Compounds	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.3 Phylum Vertebrata-II(Contd.)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
27-Dec-20	Sunday	AIATS-03						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
28-Dec-20	Monday	Physics	10. Mechanical Properties of Fluids	Lecture Code: 10.4 Bernoulli's Theorem Lecture Code: 10.5 Flow of Liquids	YES	Optional	NA	Ask an Expert (All Day)
		Botany	9. Mineral Nutrition	Lecture Code: 9.1 Introduction and Role of Macro Elements	YES	Optional	NA	Ask an Expert (All Day)
29-Dec-20	Tuesday	Physics	10. Mechanical Properties of Fluids	Lecture Code: 10.4 Bernoulli's Theorem Lecture Code: 10.5 Flow of Liquids	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	9. Mineral Nutrition	Lecture Code: 9.1 Introduction and Role of Macro Elements	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
30-Dec-20	Wednesday	Revision Day						
31-Dec-20	Thursday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.3 Isomerism in Organic Compound Lecture Code: 12.4 Fundamental Concept in Organic Reaction Mechanism - Electronic Displacement	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.4 Phylum Vertebrata-III	YES	Optional	NA	Ask an Expert (All Day)
1-Jan-21	Friday	New Year (Holiday)						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
2-Jan-21	Saturday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.3 Isomerism in Organic Compound Lecture Code: 12.4 Fundamental Concept in Organic Reaction Mechanism - Electronic Displacement	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.4 Phylum Vertebrata-III	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
3-Jan-21	Sunday	Revision Day						
4-Jan-21	Monday	Physics	10. Mechanical Properties of Fluids	Lecture Code: 10.6 Surface Tension & Excess Pressure Lecture Code 10.7 Capillary Action & Application	YES	Optional	NA	Ask an Expert (All Day)
		Botany	9. Mineral Nutrition	Lecture Code: 9.2 Role of Mineral Elements Lecture Code: 9.3 Metabolism of Nitrogen	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
5-Jan-21	Tuesday	Physics	10. Mechanical Properties of Fluids	Lecture Code: 10.6 Surface Tension & Excess Pressure Lecture Code 10.7 Capillary Action & Application	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	9. Mineral Nutrition	Lecture Code: 9.2 Role of Mineral Elements Lecture Code: 9.3 Metabolism of Nitrogen	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
6-Jan-21	Wednesday	Revision Day						
7-Jan-21	Thursday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.5 Types of Reaction Intermediates Lecture Code: 12.6 Questions Based on Relative Intermediate, Isomerism and Fission of Bond	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.5 Phylum Vertebrata-IV	YES	Optional	NA	Ask an Expert (All Day)
8-Jan-21	Friday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.5 Types of Reaction Intermediates Lecture Code: 12.6 Questions Based on Relative Intermediate, Isomerism and Fission of Bond	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.5 Phylum Vertebrata-IV	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
9-Jan-21	Saturday	Revision Day						
10-Jan-21	Sunday							

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
11-Jan-21	Monday	Physics	11. Thermal Properties of Matter	Lecture Code: 11.1 Thermal Expansion Lecture Code: 11.2 Heat Capacity of a Body Lecture Code: 11.3 Phase Change & Modes of Heat Transfer	YES	Optional	NA	Ask an Expert (All Day)
		Botany	10. Photosynthesis in Higher Plants	Lecture Code: 10.1 Introduction, Contributions of Some Scientists, Photosynthetic Pigments	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
12-Jan-21	Tuesday	Physics	11. Thermal Properties of Matter	Lecture Code: 11.1 Thermal Expansion Lecture Code: 11.2 Heat Capacity of a Body Lecture Code: 11.3 Phase Change & Modes of Heat Transfer	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	10. Photosynthesis in Higher Plants	Lecture Code: 10.1 Introduction, Contributions of Some Scientists, Photosynthetic Pigments	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
13-Jan-21	Wednesday	Fortnightly Test-09						
14-Jan-21	Thursday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code:12.7 Types of Organic Reactions and Mechanisms(Part-I) Lecture Code: 12.8 Types of Organic Reactions and Mechanisms(Part-II)	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.6 Phylum Vertebrata-V	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
15-Jan-21	Friday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code:12.7 Types of Organic Reactions and Mechanisms(Part-I) Lecture Code: 12.8 Types of Organic Reactions and Mechanisms(Part-II)	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	11. Animal Kingdom(Chordates)	Lecture Code: 11.6 Phylum Vertebrata-V	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
16-Jan-21	Saturday	Revision Day						
17-Jan-21	Sunday	Subjective Test-03(Home Assignment)						
18-Jan-21	Monday	Physics	11. Thermal Properties of Matter 12. Thermodynamics	Lecture Code: 11.4 Convection and Radiation Lecture Code: 11.5 Newton's Law of Cooling Lecture Code: 12.1 Zeroth & First Law of Thermodynamics	YES	Optional	NA	Ask an Expert (All Day)
		Botany	10. Photosynthesis in Higher Plants	Lecture Code: 10.2 Mechanism of Photosynthesis Lecture Code: 10.3 Mechanism of Photosynthesis(1)	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
19-Jan-21	Tuesday	Physics	11. Thermal Properties of Matter 12. Thermodynamics	Lecture Code: 11.4 Convection and Radiation Lecture Code: 11.5 Newton's Law of Cooling Lecture Code: 12.1 Zeroth & First Law of Thermodynamics	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	10. Photosynthesis in Higher Plants	Lecture Code: 10.2 Mechanism of Photosynthesis Lecture Code: 10.3 Mechanism of Photosynthesis(1)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
20-Jan-21	Wednesday	Revision Day						
21-Jan-21	Thursday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.9 Methods of Purification of Organic Compounds Lecture Code: 12.10 Qualitative and Quantitative Analysis of Organic Compounds	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.1 Animal Morphology-I	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
22-Jan-21	Friday	Chemistry	12. Organic Chemistry: Some Basic Principles & Techniques	Lecture Code: 12.9 Methods of Purification of Organic Compounds Lecture Code: 12.10 Qualitative and Quantitative Analysis of Organic Compounds	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.1 Animal Morphology-I	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
23-Jan-21	Saturday	Revision Day						
24-Jan-21	Sunday	AIATS-04						
25-Jan-21	Monday	Physics	12. Thermodynamics	Lecture Code: 12.2 Thermodynamic Processes Lecture Code: 12.3 Thermodynamic Processes(Contd.) Lecture Code: 12.4 Heat Engine, Refrigerator and Second Law of Thermodynamics	YES	Optional	NA	Ask an Expert (All Day)
		Botany	10. Photosynthesis in Higher Plants	Lecture Code: 10.4 Photorespiration Lecture Code: 10.5 Factors Affecting Photosynthesis	YES	Optional	NA	Ask an Expert (All Day)
26-Jan-21	Tuesday	Revision Day						
27-Jan-21	Wednesday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
28-Jan-21	Thursday	Physics	12. Thermodynamics	Lecture Code: 12.2 Thermodynamic Processes Lecture Code: 12.3 Thermodynamic Processes(Contd.) Lecture Code: 12.4 Heat Engine, Refrigerator and Second Law of Thermodynamics	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	10. Photosynthesis in Higher Plants	Lecture Code: 10.4 Photorespiration Lecture Code: 10.5 Factors Affecting Photosynthesis	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
29-Jan-21	Friday	Chemistry	13. Hydrocarbons	Lecture Code: 13.1 Alkanes Lecture Code: 13.2 Alkenes	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.2 Animal Morphology-II	YES	Optional	NA	Ask an Expert (All Day)
30-Jan-21	Saturday	Chemistry	13. Hydrocarbons	Lecture Code: 13.1 Alkanes Lecture Code: 13.2 Alkenes	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.2 Animal Morphology-II	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
31-Jan-21	Sunday	Revision Day						

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
1-Feb-21	Monday	Physics	13. Kinetic Theory of Gases 14. Oscillations	Lecture Code: 13.1 Kinetic Theory of Gas Lecture Code: 13.2 Law of Equipartition of Energy and Specific Heat of Gas Lecture Code: 14.1 Simple Harmonic Motion Lecture Code: 14.2 Relation Between Displacement, Velocity & Acceleration of Particle in SHM	YES	Optional	NA	Ask an Expert (All Day)
		Botany	11. Respiration in Plants	Lecture Code: 11.1 Introduction, Glycolysis	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
2-Feb-21	Tuesday	Physics	13. Kinetic Theory of Gases 14. Oscillations	Lecture Code: 13.1 Kinetic Theory of Gas Lecture Code: 13.2 Law of Equipartition of Energy and Specific Heat of Gas Lecture Code: 14.1 Simple Harmonic Motion Lecture Code: 14.2 Relation Between Displacement, Velocity & Acceleration of Particle in SHM	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	11. Respiration in Plants	Lecture Code: 11.1 Introduction, Glycolysis	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
3-Feb-21	Wednesday	Revision Day						
4-Feb-21	Thursday	Chemistry	13. Hydrocarbons	Lecture Code: 13.3 Preparation & Chemical Properties of Alkenes Lecture Code: 13.4 Alkyne	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.3 Animal Morphology-III(Cockroach)	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
5-Feb-21	Friday	Chemistry	13. Hydrocarbons	Lecture Code: 13.3 Preparation & Chemical Properties of Alkenes Lecture Code: 13.4 Alkyne	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.3 Animal Morphology-III(Cockroach)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
6-Feb-21	Saturday	Revision Day						
7-Feb-21	Sunday							
8-Feb-21	Monday	Physics	14. Oscillations 15. Waves	Lecture Code: 14.3 Energy in SHM Lecture Code: 14.4 Oscillation of Spring-block(Non-ideal) System and Simple Pendulum Lecture Code: 14.5 Damped & Forced Oscillations Lecture Code: 15.1 Introduction to Plane Progressive Harmonic Wave Lecture Code: 15.2 Particle Velocity, Energy and Intensity of Wave	YES	Optional	NA	Ask an Expert (All Day)
		Botany	11. Respiration in Plants	Lecture Code: 11.2 Aerobic Respiration-Kreb's Cycle, Electron Transport System	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
9-Feb-21	Tuesday	Physics	14. Oscillations 15. Waves	Lecture Code: 14.3 Energy in SHM Lecture Code: 14.4 Oscillation of Spring-block(Non-ideal) System and Simple Pendulum Lecture Code: 14.5 Damped & Forced Oscillations Lecture Code: 15.1 Introduction to Plane Progressive Harmonic Wave Lecture Code: 15.2 Particle Velocity, Energy and Intensity of Wave	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	11. Respiration in Plants	Lecture Code: 11.2 Aerobic Respiration-Kreb's Cycle, Electron Transport System	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
10-Feb-21	Wednesday	Fortnightly Test-10						
11-Feb-21	Thursday	Chemistry	13. Hydrocarbons	Lecture Code: 13.5 Benzene	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.3 Animal Morphology-III(Cockroach) (Contd.)	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
12-Feb-21	Friday	Chemistry	13. Hydrocarbons	Lecture Code: 13.5 Benzene	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.3 Animal Morphology-III(Cockroach) (Contd.)	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
13-Feb-21	Saturday	Revision Day						
14-Feb-21	Sunday							
15-Feb-21	Monday	Physics	15. Waves	Lecture Code: 15.3 Longitudinal Wave Lecture Code: 15.4 Reflection and Transmission of Waves, Stationary Wave Lecture Code: 15.5 Normal Modes of Vibration in Organ Pipe, Beats Lecture Code: 15.6 Doppler's Effect	YES	Optional	NA	Ask an Expert (All Day)
		Botany	12. Plant Growth & Development	Lecture Code: 12.1 Introduction, Phases of Growth, Growth Rates, Development Lecture Code: 12.2 Classification of Phytohormones Lecture Code: 12.3 Seed Dormancy, Seed Germination, Photoperiodism	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
16-Feb-21	Tuesday	Physics	15. Waves	Lecture Code: 15.3 Longitudinal Wave Lecture Code: 15.4 Reflection and Transmission of Waves, Stationary Wave Lecture Code: 15.5 Normal Modes of Vibration in Organ Pipe, Beats Lecture Code: 15.6 Doppler's Effect	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Botany	12. Plant Growth & Development	Lecture Code: 12.1 Introduction, Phases of Growth, Growth Rates, Development Lecture Code: 12.2 Classification of Phytohormones Lecture Code: 12.3 Seed Dormancy, Seed Germination, Photoperiodism	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
17-Feb-21	Wednesday	Revision Day						
18-Feb-21	Thursday	Chemistry	14. Environmental Chemistry	Lecture Code: 14.1 Pollution, Causes of Pollution and Green Chemistry	YES	Optional	NA	Ask an Expert (All Day)
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.4 Animal Morphology-IV	YES	Optional	NA	Ask an Expert (All Day)

Test	Total no. of Qs	Time	Test Pattern
Fortnightly Test	60 (15 from each subject)	1 hr	Single Objective (MCQ Type)
AIATS	180 (45 from each subject)	3 hr	Single Objective (MCQ Type)

**Daily Schedule for Long Term Students: Class XI(Phase-04) for NEET 2022
November 2020 - February 2021 - English(New Version)**

Date	Day	Subjects	Chapter Name	Lecture Code & Topic	Read E book	Watch Video Lecture	Solve DPT	Doubt Clearing Session
19-Feb-21	Friday	Chemistry	14. Environmental Chemistry	Lecture Code: 14.1 Pollution, Causes of Pollution and Green Chemistry	Can Revise	YES (MUST)	YES (MUST)	4:00 pm -5:00 pm
		Zoology	12. Structural Organisation in Animals(Animal Morphology)	Lecture Code: 12.4 Animal Morphology-IV	Can Revise	YES (MUST)	YES (MUST)	5:15 pm -6:15 pm
20-Feb-21	Saturday	Revision Day						
21-Feb-21	Sunday	AIATS-05						



Test Planner

(November 2020 - April 2021)



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Phase-04 (TYM)

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Two Year Medical(Phase-04): Planner for AIATS, Fortnightly Test and Subjective Test - 2020-2022
November 2020 - April 2021

Test No.	Test Date	Day	Topic			
			Physics	Chemistry	Botany	Zoology
AIATS - 01	1st Nov	Sunday	Physical World, Units & Measurements, Motion in a Straight Line	Some Basic Concepts of Chemistry, Structure of Atom	Cell: The Unit of Life, Cell Cycle & Cell Division	Structural Organisation in Animals: Animal tissues only, Biomolecules
Fortnightly Test-07	18th Nov	Wednesday	Laws of Motion; Work, Energy and Power	Chemical Bonding and Molecular Structure: Hybridisation : Features and conditions, Types of hybridisation : sp, sp ² , sp ³ , dsp ² , sp ³ d, sp ³ d ² , sp ³ d ³ , Molecular orbital theory : Features, Linear combination of atomic orbitals, Conditions for the combination of atomic orbitals, Types of molecular orbitals, Energy level diagram for molecular orbitals, Electronic configuration and molecular behaviour, Bonding in some homonuclear diatomic molecules, Hydrogen bonding States of matter: Gases & Liquids, Thermodynamics	Biological Classification(Contd.): Virus–introduction, discovery, structural components, Structure of some viruses (TMV, bacteriophages), Reproduction in virus, Diseases, Sub-viral agents – Viroids, Virusoids, Prions; Lichens, Mycorrhiza, Morphology of Flowering Plants	Body Fluids & Circulation-II: Double circulation, heart beat, regulation of heart beat- Neural regulation, hormonal regulation, Blood Vessels-Aorta, Arteries, Arterioles, Capillaries, Venules, Veins, Vena Cava, Lymphatic system, Disorders of circulatory system-Hypertension, Coronary artery diseases, Angina, Heart failure, Excretory Products & their Elimination (upto ADH and diabetes insipidus)
AIATS - 02	29th Nov	Sunday	Motion in a Plane	Classification of Elements and Periodicity in Properties & Chemical Bonding and Molecular Structure	The Living World, Biological Classification	Digestion and Absorption, Breathing & Exchange of Gases
Fortnightly Test-08	16th Dec	Wednesday	System of Particles and Rotational Motion, Gravitation	Equilibrium, Redox Reactions	Anatomy of Flowering Plants, Plant Kingdom	Excretory Products & their Elimination: Urine: Its composition, micturition mechanism, role of other organs like, kidney, lungs, liver and skin in excretion. Disorders-uremia, renal failure, renal calculi, nephritis. Dialysis and artificial kidneys & kidney transplantation. Locomotion & Movement-I: Types of movements: Ciliary, protoplasmic streaming, flagellar, muscular; Types of muscles and their structures. Muscle contraction-structure of contractile proteins, Mechanism of muscle contraction-Sliding filament theory, Properties of muscle contraction, disorders of muscles, Axial skeleton
AIATS - 03	27th Dec	Sunday	Laws of Motion; Work, Energy and Power; System of Particles & Rotational Motion: Center of Mass & Motion of Centre of Mass	States of matter: Gases & Liquids, Thermodynamics	Morphology of Flowering Plants, Anatomy of Flowering Plants	Body Fluids and Circulation, Excretory Products and Their Elimination
Fortnightly Test-09	13th Jan	Wednesday	Mechanical Properties of Solids and Fluids	Hydrogen, The s-Block Elements & The p-Block Elements (Group 13 & 14)	Transport in Plants, Mineral Nutrition	Locomotion & Movement-II: Appendicular skeleton: Pectoral girdle, bones of upper limb, pelvic girdle, bones of lower limb, Joints: Bone & Joint disorders, Neural Control & Coordination-I: Human neural system: Central and peripheral neural system, neuron as structural and functional unit of neural system, different types of neurons and their location, Nerve impulse, generation and its transmission-Resting membrane potential, spike potential, action potential, depolarization, repolarisation, hyperpolarisation, Synapses: Electrical and Chemical, synaptic transmission, mechanism of transmission of nerve impulse through electrical and chemical synapse. Neurotransmitters: excitatory and inhibitory, Structure of Brain, Neural Control & Coordination-II: Spinal cord & Peripheral nervous system: Cranial nerves (name, origin, distribution, nature and their functions), Spinal nerves-their branches and plexuses in detail. Autonomic nervous system-sympathetic and parasympathetic nervous system and their functions., Neural Control & Coordination-III: Reflex action: Reflex arc, characteristics, types of reflexes and their examples. Detail of knee jerk reflex, importance of reflex action.

Phase-04 (TYM)

Aakash Tower, 8, Pusa Road, New Delhi. Pin: 110005

Two Year Medical(Phase-04): Planner for AIATS, Fortnightly Test and Subjective Test - 2020-2022
November 2020 - April 2021

Test No.	Test Date	Day	Topic			
			Physics	Chemistry	Botany	Zoology
Subjective Test-03 (Home Assignment)	17th Jan	Sunday	Subjective Test-03(Home Assignment)			
			Laws of Motion; Work, Energy and Power; System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids and Fluids	Chemical Bonding and Molecular Structure : Hybridisation : Features and conditions, Types of hybridisation : sp, sp ² , sp ³ , dsp ² , sp ³ d, sp ³ d ² , sp ³ d ³ , Molecular orbital theory : Features, Linear combination of atomic orbitals, Conditions for the combination of atomic orbitals, Types of molecular orbitals, Energy level diagram for molecular orbitals, Electronic configuration and molecular behaviour, Bonding in some homonuclear diatomic molecules, Hydrogen bonding States of matter: Gases & Liquids, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, The s-Block Elements & The p-Block Elements (Group 13 & 14)	Biological Classification: Virus—introduction, discovery, structural components, Structure of some viruses (TMV, bacteriophages), Reproduction in virus, Diseases, Sub-viral agents – Viroids, Virusoids, Prions; Lichens, Mycorrhiza, Morphology of Flowering Plants, Anatomy of Flowering Plants, Plant Kingdom, Transport in Plants, Mineral Nutrition	Body Fluids & Circulation-II: Double circulation, Heart beat, Regulation of heart beat- Neural regulation, hormonal regulation, Blood Vessels-Aorta, Arteries, Arterioles, Capillaries, Venues, Veins, Vena Cava, Lymphatic system, Disorders of circulatory system-Hypertension, Coronary artery diseases, Angina, Heart failure, Excretory Products & their Elimination, Locomotion and Movement, Neural Control and Coordination - I and Neural Control and Coordination - II, Neural Control & Coordination- III: Reflex action: Reflex arc, characteristics, types of reflexes and their examples. Detail of knee jerk reflex, importance of reflex action.
AIATS - 04	24th Jan	Sunday	System of Particles & Rotational Motion: Rotational Motion, Gravitation	Equilibrium, Redox Reactions	Plant Kingdom, Transport in Plants	Locomotion and Movement, Neural Control and Coordination-I (CNS, PNS, ANS)
Fortnightly Test-10	10th Feb	Wednesday	Thermal Properties of Matter, Thermodynamics, Kinetic theory	Organic Chemistry: Some Basic Principles and Techniques	Photosynthesis in Higher Plants	Neural Control and Coordination- IV: Sensory perception and processing: Human eye: Detailed structure & function, Nose: Olfactory receptors, its structure and mechanism/working. Tongue: Different types of papillae & taste buds, its structure and working. Different types of receptors in skin-Tangoreceptor, Algesireceptor, thermoreceptor, Ear: Detailed structure & function, Chemical Coordination & Integration
AIATS - 05	21st Feb	Sunday	Mechanical Properties of Solids, Mechanical Properties of Fluids, Thermal Properties of Matter, Thermodynamics, Kinetic Theory	Hydrogen, The s-Block Elements & The p-Block Elements (Group 13 & 14)	Mineral Nutrition, Photosynthesis in Higher Plants	Neural control & Coordination-II(Sense organs), Chemical Coordination and Integration
Fortnightly Test-11	3rd March	Wednesday	Oscillations, Waves	Hydrocarbons, Environmental Chemistry	Respiration in Plants, Plant Growth and Development	Animal Kingdom, Structural Organisation in Animals: Animal Morphology Only
AIATS - 06	21st March	Sunday	Oscillations, Waves	Organic Chemistry: Some Basic Principles and Techniques, Hydrocarbons, Environmental Chemistry	Respiration in Plants, Plant Growth and Development	Kingdom Animalia and Structural Organisation in Animals: Animal Morphology Only
AIATS - 07	31st March	Wednesday	Complete Syllabus Test of Class XI(NEET Pattern)	Complete Syllabus Test of Class XI(NEET Pattern)	Complete Syllabus Test of Class XI (NEET Pattern)	Complete Syllabus Test of Class XI(NEET Pattern)
AIATS - 08	11th April	Sunday	Complete Syllabus Test of Class XI(NEET Pattern)	Complete Syllabus Test of Class XI(NEET Pattern)	Complete Syllabus Test of Class XI (NEET Pattern)	Complete Syllabus Test of Class XI(NEET Pattern)



Thank You



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