



Academic Session: 2018-19

**TARGET\*:**  
**AIIMS**  
**NEET**

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# COURSE PLANNER FOR STUDENTS CLASS-XII SANKALP (MP)

**Target: AIIMS/NEET 2019**

**Medium: English | Hindi**

## COURSE CONCEPT

SANKALP course is 2nd year of 2 Yearlong Classroom Contact Program. A Course which offers ample time of 1 year to become an expert in the curriculum of AIIMS/NEET. The course progresses with basic fundamental study; covering upon the syllabus of boards alongwith the preparation for AIIMS/NEET. The course helps in development of concepts, rigorous practice for board exams, as well as competitive exams, enhancement of analytical thinking and increasing the confidence level of aspirant.

**Course Commencement: 02.04.2018 | Course Ends: 29.12.2018**

## RESONANCE TEACHING METHODOLOGY

### Preparation for AIIMS/ NEET

Classroom Teaching

Daily Practice Problems (DPPs)

Study Material (Sheets/Modules)

Periodic Tests - AIIMS/ NEET Pattern

Doubt Classes

## TEACHING/LEARNING TOOLS

- ♦ **Daily Practice Problems (DPPs):** A handout having problems for home assignment, practice and classroom discussion covering current and previous topics. A DPP for AIIMS/NEET contains approximate 8-10 problems.
- ♦ **Study Material (Sheets/Modules):** Topic wise study material having key concepts, problems for practice in various Exercise Levels and questions asked in previous years (AIIMS/ NEET/ Board).
- ♦ **Periodic Tests:** Periodic Tests are conducted having part syllabus (Part Tests - PTs) with many problems of seen nature and Tests comprising of the syllabus taught till date (Cumulative Tests - CTs) with unseen problems. Both PTs and CTs are conducted on the pattern of AIIMS/NEET.

## TOTAL ACADEMIC HOURS

- ♦ **Course Duration: 35 Weeks**
- ♦ **Total Number of Lectures: 442** (P:140 | C:147 | B:155)
- ♦ **Duration of one lecture: 1.5 hrs = 90 minutes**
- ♦ **Total Duration of Classroom Teaching: 663 hrs**
- ♦ **Total Duration of Testing Hours: 59.5 hrs**
- ♦ **Total Academic Hours in SANKALP Course: 722.5 hrs**

### Disclaimer:

- ♦ The Institute reserves the right to increase/decrease the number of lectures/tests allotted to any topic and also make changes in the sequence of the topics/tests of each subject depending upon the course requirements.
- ♦ This Course Planner in all respects is applicable only at Kota (Rajasthan). At other Resonance Study Centres, Students/Parents may find some 'minor' variations to accommodate City specific features/factors.
- ♦ The Topic Start Date mentioned here might vary for batches starting on different dates of the particular course. However the coverage of the content in any topic shall remain the same, it is done by altering the frequency of proposed/planned lectures in a particular week.
- ♦ The information given in this Course Planner is proposed for Academic Session 2018-19. The institute reserves the right to make changes in it in the interest of students.

**Holidays/ Vacations (Total: 12-Days):** 1. Independence Day: 15<sup>th</sup> August, 2018 : One Day 2. Deepawali Holidays: From 5<sup>th</sup> November, 2018 (Monday) to 14<sup>th</sup> November, 2018 (Wednesday): 10 Days 3. Republic Day: 26<sup>th</sup> January, 2019: One Day (Applicable only at Kota SC and at other SC's Deepawali vacation will be informed to students as per respective SC holiday calendar)

## SUBJECT WISE SYLLABUS PLAN

◆ Topic Name  
◆ Topic Sequence

◆ Topic Commencement  
◆ No. of Lectures allotted to each Topic

| PHYSICS [P]                  |                                      |                |                  | CHEMISTRY [C]                |                                                          |                |                  | BIOLOGY [B]                  |                                                 |                |                  |
|------------------------------|--------------------------------------|----------------|------------------|------------------------------|----------------------------------------------------------|----------------|------------------|------------------------------|-------------------------------------------------|----------------|------------------|
| S. No.                       | Topic Name/Sequence                  | No of Lectures | Topic Start Date | S. No.                       | Topic Name/Sequence                                      | No of Lectures | Topic Start Date | S. No.                       | Topic Name/Sequence                             | No of Lectures | Topic Start Date |
|                              |                                      |                |                  | PHYSICAL/INORGANIC           |                                                          |                |                  | ZOOLOGY                      |                                                 |                |                  |
| 1                            | Geometrical Optics                   | 20             | 02.04.18         | 1                            | Solid State                                              | 9              | 02.04.18         | 1                            | Reproduction in Organisms                       | 2              | 02.04.18         |
| 2                            | Measurement of Error                 | 3              | 04.05.18         | 2                            | Coordination Compounds                                   | 12             | 23.04.18         | 2                            | Human Reproduction                              | 9              | 04.04.18         |
| 3                            | Electrostatics                       | 25             | 08.05.18         | 3                            | Solutions & Colligative Properties                       | 9              | 21.05.18         | 3                            | Reproductive Health                             | 3              | 30.04.18         |
| 4                            | Gravitation                          | 8              | 08.06.18         | 4                            | Electrochemistry                                         | 12             | 11.06.18         | 4                            | Revision of Biomolecules                        | 3              | 07.05.18         |
| 5                            | Current Electricity                  | 11             | 18.06.18         | 5                            | Metallurgy                                               | 6              | 09.07.18         | 5                            | Human Health and Disease                        | 12             | 14.05.18         |
| 6                            | Heat Transfer                        | 4              | 02.07.18         | 6                            | Chemical kinetics                                        | 11             | 23.07.18         | 6                            | Revision of Digestion & Absorption              | 2              | 11.06.18         |
| 7                            | Capacitance                          | 9              | 09.07.18         | 7                            | p-block (Nitrogen & Oxygen Family)                       | 9              | 20.08.18         | 7                            | Breathing and Exchange of Gases                 | 1              | 13.06.18         |
| 8                            | Electro Magnetic Field & Force (EMF) | 13             | 24.07.18         | 8                            | p-block (Halogen & Noble Gases)                          | 3              | 10.09.18         | 8                            | Animal Husbandry                                | 3              | 18.06.18         |
| 9                            | Electromagnetic Induction            | 12             | 20.08.18         | 9                            | Halogen & Noble Gases                                    | 6              | 17.09.18         | 9                            | Microbes in Human Welfare                       | 3              | 25.06.18         |
| 10                           | Alternating Current                  | 5              | 10.09.18         | 10                           | Surface Chemistry                                        | 6              | 24.09.18         | 10                           | Revision of Excretory System                    | 2              | 02.07.18         |
| 11                           | Modern Physics-1                     | 8              | 18.09.18         | 11                           | d, f-block Compounds                                     | 6              | 08.10.18         | 11                           | Revision of Body Fluids & Circulation           | 2              | 04.07.18         |
| 12                           | Modern Physics-2                     | 6              | 02.10.18         | 12                           | Qualitative Analysis (Anionic Radicals)                  | 6              | 22.10.18         | 12                           | Revision of Animal Kingdom                      | 5              | 10.07.18         |
| 13                           | Wave Optics                          | 6              | 15.10.18         | ORGANIC                      |                                                          |                |                  | 13                           | Biotechnology-Principles & Processes            | 3              | 23.07.18         |
| 14                           | Solid & Semiconductor Devices        | 6              | 24.10.18         | 1                            | Stereoisomers                                            | 8              | 02.04.18         | 14                           | Applications of Biotechnology                   | 7              | 30.07.18         |
| 15                           | Principle of Communication (POC)     | 2              | 14.11.18         | 2                            | Reaction Mechanism of Alkyl/ Aryl halide                 | 4              | 30.04.18         | 15                           | Revision of Locomotion & Movement               | 1              | 07.08.18         |
| 16                           | Electromagnetic Waves (EMW)          | 2              | 21.11.18         | 3                            | Reaction Mechanism of Alcohol ether                      | 4              | 14.05.18         | 16                           | Revision of Neural Control & Coordination       | 3              | 08.08.18         |
|                              |                                      |                |                  | 4                            | Chemical Reaction of Hydrocarbon (Alkane/ Alkene/Alkyne) | 6              | 28.05.18         | 17                           | Evolution                                       | 9              | 20.08.18         |
|                              |                                      |                |                  | 5                            | Grignard Reagent                                         | 2              | 18.06.18         | 18                           | Revision of Structural Organization in Animals  | 3              | 10.09.18         |
|                              |                                      |                |                  | 6                            | Aromatic Hydrocarbon                                     | 4              | 25.06.18         | 19                           | Revision of Chemical Coordination & Integration | 3              | 17.09.18         |
|                              |                                      |                |                  | 7                            | Phenol                                                   | 4              | 09.07.18         | BOTANY                       |                                                 |                |                  |
|                              |                                      |                |                  | 8                            | Aromatic compound (Phenol Aniline, Nitrobenzene)         | 4              | 23.07.18         | 20                           | Genetics                                        | 29             | 02.04.18         |
|                              |                                      |                |                  | 9                            | Carbonyl Compound & Carboxylic acid and derivatives      | 8              | 06.08.18         | 21                           | Application Biology                             | 6              | 19.06.18         |
|                              |                                      |                |                  | 10                           | Biomolecules                                             | 2              | 03.09.18         | 22                           | Ecology                                         | 32             | 16.07.18         |
|                              |                                      |                |                  | 11                           | Polymer                                                  | 2              | 10.09.18         | 23                           | Reproduction in Flowering Plants                | 12             | 02.10.18         |
|                              |                                      |                |                  | 12                           | Chemistry in everyday life                               | 2              | 17.09.18         |                              |                                                 |                |                  |
|                              |                                      |                |                  | 13                           | Separation Technique                                     | 1              | 24.09.18         |                              |                                                 |                |                  |
|                              |                                      |                |                  | 14                           | Environmental chemistry                                  | 1              | 25.09.18         |                              |                                                 |                |                  |
| <b>Total No. of Lectures</b> |                                      | <b>140</b>     |                  | <b>Total No. of Lectures</b> |                                                          | <b>147</b>     |                  | <b>Total No. of Lectures</b> |                                                 | <b>155</b>     |                  |

## WEEKLY LECTURE PLANNER (Per Subject)

| Week No. | Week Duration |      | No. of Lecture |     |   |         |     |    | Total |
|----------|---------------|------|----------------|-----|---|---------|-----|----|-------|
|          | From          | To   | P              | C   |   | BIOLOGY |     |    |       |
|          |               |      |                | P/I | O | Bot     | Zoo |    |       |
| W-1      | 2/4           | 7/4  | 3              | 3   | 2 | 2       | 3   | 13 |       |
| W-2      | 9/4           | 14/4 | 3              | 3   | 2 | 3       | 2   | 13 |       |
| W-3      | 16/4          | 21/4 | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-4      | 23/4          | 28/4 | 6              | 3   | 2 | 3       | 3   | 17 |       |
| W-5      | 30/4          | 5/5  | 6              | 3   | 2 | 3       | 3   | 17 |       |
| W-6      | 7/5           | 12/5 | 5              | 3   | 2 | 3       | 3   | 16 |       |
| W-7      | 14/5          | 19/5 | 6              | 3   | 2 | 3       | 3   | 17 |       |
| W-8      | 21/5          | 26/5 | 6              | 3   | 2 | 3       | 3   | 17 |       |
| W-9      | 28/5          | 2/6  | 5              | 3   | 2 | 3       | 3   | 16 |       |
| W-10     | 4/6           | 9/6  | 6              | 3   | 2 | 3       | 3   | 17 |       |
| W-11     | 11/6          | 16/6 | 6              | 3   | 2 | 3       | 0   | 14 |       |
| W-12     | 18/6          | 23/6 | 5              | 3   | 2 | 3       | 0   | 13 |       |
| W-13     | 25/6          | 30/6 | 6              | 3   | 2 | 3       | 0   | 14 |       |

| Week No. | Week Duration |      | No. of Lecture |     |   |         |     |    | Total |
|----------|---------------|------|----------------|-----|---|---------|-----|----|-------|
|          | From          | To   | P              | C   |   | BIOLOGY |     |    |       |
|          |               |      |                | P/I | O | Bot     | Zoo |    |       |
| W-14     | 2/7           | 7/7  | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-15     | 9/7           | 14/7 | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-16     | 16/7          | 21/7 | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-17     | 23/7          | 28/7 | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-18     | 30/7          | 4/8  | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-19     | 6/8           | 11/8 | 3              | 3   | 2 | 3       | 3   | 14 |       |
| W-20     | 13/8          | 18/8 | 3              | 2   | 2 | 2       | 3   | 12 |       |
| W-21     | 20/8          | 25/8 | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-22     | 27/8          | 1/9  | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-23     | 3/9           | 8/9  | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-24     | 10/9          | 15/9 | 4              | 3   | 2 | 3       | 3   | 15 |       |
| W-25     | 17/9          | 22/9 | 4              | 3   | 2 | 3       | 0   | 12 |       |
| W-26     | 24/9          | 29/9 | 4              | 3   | 2 | 3       | 0   | 12 |       |

| Week No. | Week Duration |       | No. of Lecture   |     |   |         |     |    | Total |
|----------|---------------|-------|------------------|-----|---|---------|-----|----|-------|
|          | From          | To    | P                | C   |   | BIOLOGY |     |    |       |
|          |               |       |                  | P/I | O | Bot     | Zoo |    |       |
| W-27     | 1/10          | 6/10  | 4                | 3   | 0 | 3       | 0   | 10 |       |
| W-28     | 8/10          | 13/10 | 3                | 3   | 0 | 3       | 0   | 9  |       |
| W-29     | 15/10         | 20/10 | 4                | 3   | 0 | 3       | 0   | 10 |       |
| W-30     | 22/10         | 27/10 | 4                | 3   | 0 | 3       | 0   | 10 |       |
| W-31     | 29/10         | 3/11  | 4                | 3   | 0 | 3       | 0   | 10 |       |
| W-32     | 5/11          | 10/11 | Diwali Vacations |     |   |         |     |    |       |
| W-33     | 12/11         | 17/11 | 0                | 0   | 0 | 1       | 0   | 1  |       |
| W-34     | 19/11         | 24/11 | 4                | 0   | 0 | 3       | 0   | 7  |       |
| W-35     | 26/11         | 1/12  | 3                | 0   | 0 | 3       | 0   | 6  |       |

## PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

| S. No. | Periodic Test Type and No. | Test Pattern | Periodic Test Date | First Display (Notice Board) & Communication to parent with Centre Rank | Display & Communication of Final Result with All Resonance Rank (ARR) | Uploading of Result on Resonance Website | Physics                                                                                                                                                                                                                                                                     |                                                                                                      |                                                                                                             | Chemistry                                                                                                |                                                                                                                       |        | Periodic Test Syllabus |         |        | Testing Hours |
|--------|----------------------------|--------------|--------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------|------------------------|---------|--------|---------------|
|        |                            |              |                    |                                                                         |                                                                       |                                          | Physics                                                                                                                                                                                                                                                                     |                                                                                                      |                                                                                                             | Chemistry                                                                                                |                                                                                                                       |        | Biology                |         |        |               |
|        |                            |              |                    |                                                                         |                                                                       |                                          | Physical/ Inorganic                                                                                                                                                                                                                                                         | Organic                                                                                              | Zoology                                                                                                     | Physical/ Inorganic                                                                                      | Organic                                                                                                               | Botany | Physical/ Inorganic    | Organic | Botany |               |
| 1      | PT-1                       | NEET         | 22-04-18 (Sunday)  | 26-04-18 (Thursday)                                                     | 01-05-18 (Tuesday)                                                    | 03-05-18 (Thursday)                      | Properties of Matter (Elasticity, viscosity & Surface Tension), Geometrical Optics (Up to Reflection)                                                                                                                                                                       | Solid State                                                                                          | Geometrical Isomers & Optical Isomers                                                                       | Principles of inheritance & Variations - upto law of segregation                                         | Reproduction in Organisms, Human reproduction (up to menstrual cycle)                                                 |        |                        |         |        |               |
| 2      | CT-1                       | NEET         | 13-05-18 (Sunday)  | 17-05-18 (Thursday)                                                     | 22-05-18 (Tuesday)                                                    | 24-05-18 (Thursday)                      | Geometrical Optics, Experiments (VC & SG)                                                                                                                                                                                                                                   | Solid State + Coordination Compound (till CFT)                                                       | All Above & Conformation isomers, Reaction mechanism of Alkyl halide                                        | Principles of inheritance & Variations - upto Sex determination                                          | Reproduction in Organisms, Human Reproduction, Reproductive Health                                                    |        |                        |         | 3      |               |
| 3      | PT-2 + BPT-1               | AIIMS+ BOARD | 03-06-18 (Sunday)  | 07-06-18 (Thursday)                                                     | 12-06-18 (Tuesday)                                                    | 14-06-18 (Thursday)                      | Geometrical Optics (Except: Reflection), Electrostatics (Up to Potential & Potential Energy), KTG, Thermal Expansion, Calorimetry, Laws of Thermodynamics                                                                                                                   | Coordination Compound + Solutions (till Colligative Properties)                                      | Reaction mechanism of Alcohol ether, Chemical reaction of hydrocarbon alkane                                | Principles of inheritance & Variations + Cell biology                                                    | Human Embryonic Development, Reproductive Health + Biomolecules + Human Health & Diseases (upto Acquired Immunity)    |        |                        |         | 3.5    |               |
| 4      | CT-2                       | NEET         | 24-06-18 (Sunday)  | 28-06-18 (Thursday)                                                     | 03-07-18 (Tuesday)                                                    | 05-07-18 (Thursday)                      | Geometrical optics, Electrostatics, Gravitation                                                                                                                                                                                                                             | CT-1 & Electrochemistry (till Nernst equation)                                                       | Reaction mechanism of Alcohol ether, Chemical reaction of Hydrocarbon (Alkane/ Alkene/Alkyne)               | Principles of inheritance & Variations + Molecular Genetics upto translation                             | All Above + Digestion & Absorption                                                                                    |        |                        |         | 3      |               |
| 5      | PT-3                       | NEET         | 15-07-18 (Sunday)  | 19-07-18 (Thursday)                                                     | 24-07-18 (Tuesday)                                                    | 26-07-18 (Thursday)                      | Electrostatics (after Potential Energy), Gravitation, Current Electricity, Heat Transfer, String and Sound Waves                                                                                                                                                            | Electrochemistry                                                                                     | Aromatic Hydrocarbon & Phenol                                                                               | Molecular Genetics + Plant Breeding + Plant Morphology                                                   | Human health & disease + Animal husbandry + Microbes in Human welfare                                                 |        |                        |         | 3      |               |
| 6      | CT-3 + BPT-2               | AIIMS+ BOARD | 05-08-18 (Sunday)  | 09-08-18 (Thursday)                                                     | 14-08-18 (Tuesday)                                                    | 16-08-18 (Thursday)                      | Geometrical optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer, Capacitance, Magnetic Field (Excluding Magnetic Force)                                                                                                                                 | All Above & Metallurgy + Chemical Kinetics (till reaction order)                                     | PT-3 + Chemical Reaction of Aniline, Nitrobenzene                                                           | Plant Anatomy + Ecology-Organism and Population upto Ecological Adaptation                               | XII (Full syllabus Except: Application of Biotechnology & Evolution) + Biomolecules + Human Physiology upto Excretion |        |                        |         | 3.5    |               |
| 7      | PT-4                       | NEET         | 26-08-18 (Sunday)  | 30-08-18 (Thursday)                                                     | 04-09-18 (Tuesday)                                                    | 06-09-18 (Thursday)                      | Capacitance, Magnetic Field and Force, Rigid Body Dynamics                                                                                                                                                                                                                  | Chemical kinetics + Nitrogen Family (Group Characteristics)                                          | Chemical reaction of Carbonyl Compound & Carboxylic acid and Derivatives                                    | Ecology-Organism and Population + Eco system (upto Productivity)                                         | Biotechnology + Locomotion & Movements + Neural control & coordination                                                |        |                        |         | 3      |               |
| 8      | CT-4                       | NEET         | 16-09-18 (Sunday)  | 20-09-18 (Thursday)                                                     | 25-09-18 (Tuesday)                                                    | 27-09-18 (Thursday)                      | CT-3 + Electromagnetic Induction                                                                                                                                                                                                                                            | CT-3 + P-block (N and O family)                                                                      | Chemical reaction of Carbonyl Compound & Carboxylic acid derivatives                                        | Organism & Population + Eco system + Photosynthesis                                                      | Full Syllabus (XI + XII) Except: chemical coordination & Integration                                                  |        |                        |         | 3      |               |
| 9      | PT-5 + BPT-3               | AIIMS+ BOARD | 07-10-18 (Sunday)  | 11-10-18 (Thursday)                                                     | 16-10-18 (Tuesday)                                                    | 18-10-18 (Thursday)                      | EM, AC, Modern Physics-1, SHM, Center of Mass and Momentum Conservation                                                                                                                                                                                                     | Halogens and Nobel Gases                                                                             | Full Syllabus                                                                                               | Environmental Issues                                                                                     | Evolution + Chemical coordination & Integration + Structural Organization in Animals                                  |        |                        |         | 3.5    |               |
| 10     | CT-5                       | NEET         | 28-10-18 (Sunday)  | 01-11-18 (Thursday)                                                     | 06-11-18 (Tuesday)                                                    | 08-11-18 (Thursday)                      | CT-4 + AC, Modern Physics-1, Modern Physics-2                                                                                                                                                                                                                               | All Above & D, F Block                                                                               | Full Syllabus                                                                                               | Biodiversity & Conservation + Reproduction in Flowering plants (upto development of Female Gametophyte)  | Evolution + Chemical coordination & Integration + Structural Organization in Animals                                  |        |                        |         | 3      |               |
| 11     | PT-6                       | NEET         | 18-11-18 (Sunday)  | 22-11-18 (Thursday)                                                     | 27-11-18 (Tuesday)                                                    | 29-11-18 (Thursday)                      | Modern Physics-2, Wave Optics, Semiconductor Devices, Laws of Motion & Friction, Circular Motion, Work Power & Energy                                                                                                                                                       | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Reproduction in Flowering plants + Respiration in Plants                                                 | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 12     | MBPT-P1                    | PHYSICS      | 20-11-18           | 20-11-18                                                                | 18.12.2018                                                            | 18.12.2018                               | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 13     | MBPT-C1                    | CHEMISTRY    | 22-11-18           | 22-11-18                                                                | 20.12.2018                                                            | 20.12.2018                               | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 14     | MBPT-B1                    | BIOLOGY      | 24-11-18           | 24-11-18                                                                | 22.12.2018                                                            | 22.12.2018                               | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 15     | RPT-1                      | NEET         | 09-12-18 (Sunday)  | 13-12-18 (Thursday)                                                     | 18-12-18 (Tuesday)                                                    | 20-12-18 (Thursday)                      | Rules of Differentiation, Integration, Vectors + Rectilinear Motion + Projectile motion + Relative motion + NLM + Friction + Work Power & Energy + Circular Motion + Centrifugal Force + Simple Harmonic Motion + Waves + Center of Mass & Collision + Variable Mass System | Atomic Structure + Periodic Table + Mole concept + Gaseous State + s-block + Chemical Bonding        | Nomenclature & Isomerism + GOC-I + GOC-II                                                                   | Cell Biology + Plant Anatomy + Plant Morphology + Plant Physiology Organisation in Animals, Biomolecules | Animal Kingdom, Structure Organisation in Animals, Biomolecules                                                       |        |                        |         | 3      |               |
| 16     | RPT-2                      | NEET         | 16-12-18 (Sunday)  | 20-12-18 (Thursday)                                                     | 25-12-18 (Tuesday)                                                    | 27-12-18 (Thursday)                      | Rigid Body Dynamics + Simple Harmonic Motion + Waves + String & Sound Waves + KTG & Thermodynamics + Calorimetry & Thermal Expansion + Heat Transfer + Fluid Mechanics + Progresses of Matter                                                                               | Chemical Equilibrium + Thermodynamics Dynamics + Ionic Equilibrium + Redox Reaction                  | Hydrocarbons + p-block (B-C family)                                                                         | Plant Physiology II + Biological Classification + Plant Kingdom                                          | Human Physiology                                                                                                      |        |                        |         | 3      |               |
| 17     | RPT-3                      | NEET         | 23-12-18 (Sunday)  | 27-12-18 (Thursday)                                                     | 01-01-19 (Tuesday)                                                    | 03-01-19 (Thursday)                      | Electrostatics + Current Electricity + Capacitance + Magnetic Field & Force + Electromagnetic Induction                                                                                                                                                                     | Solid State + Solutions & Colligative Properties + Coordination compounds + Surface Chemistry        | Haloalkane, Alcohol + Ether + Phenol + Aldehyde + Ketone                                                    | Ecology + Reproduction in Flowering Plants                                                               | Reproduction in organism, Human Evolution                                                                             |        |                        |         | 3      |               |
| 18     | RPT-4                      | NEET         | 30-12-18 (Sunday)  | 03-01-19 (Thursday)                                                     | 08-01-19 (Tuesday)                                                    | 10-01-19 (Thursday)                      | Alternating Current + Modern Physics (Atomic Physics + Nuclear Physics) + Geometrical optics + Wave Optics + Solid & Semiconductor Devices + POC                                                                                                                            | Electrochemistry + Metallurgy + Chemical Kinetics + p-block (XII) + d-f block + Qualitative Analysis | Carboxylic acid & Derivative + N-Containing compounds + Polymer + Biomolecule + Chemistry in Every day life | Genetics + Plant Breeding                                                                                | Human Health & Diseases, Animal Husbandry, Microbes in Human Welfare, Biotechnology                                   |        |                        |         | 3      |               |
| 19     | FST-1                      | NEET         | 06-01-19           | 10-01-19                                                                | 15-01-19                                                              | 17-01-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 20     | FST-2                      | AIIMS        | 13-01-19           | 17-01-19                                                                | 22-01-19                                                              | 24-01-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3.5    |               |
| 21     | MBPT-P2                    | PHYSICS      | 15-01-19           | 17-01-19                                                                | 13-02-19                                                              | 15-02-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 22     | MBPT-C2                    | CHEMISTRY    | 17-01-19           | 17-02-19                                                                | 15-02-19                                                              | 17-02-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 23     | MBPT-B2                    | BIOLOGY      | 19-01-19           | 31-01-19                                                                | 05-02-19                                                              | 07-02-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 24     | AIO1-1                     | NEET         | 27-01-19           | 28-02-19                                                                | 05-03-19                                                              | 07-03-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3      |               |
| 25     | AIO1-2                     | AIIMS        | 24-02-19           | 28-02-19                                                                | 05-03-19                                                              | 07-03-19                                 | Full Syllabus                                                                                                                                                                                                                                                               | Full Syllabus                                                                                        | Full Syllabus                                                                                               | Full Syllabus                                                                                            | Full Syllabus                                                                                                         |        |                        |         | 3.5    |               |

Note: 1. Students are advised to refer their notice board for test timings. 2. There will be no classes on the preceding Saturday before every PTs/ CTs. 3. Student can submit their request for re-evaluation in two working days after first display of result.

**Total Testing Hours**  
**59.5**

## Discussion Schedule of Daily Practice Problems (DPPs):

| S. No. | Week No. | DPP No. |           |   |         |     | No. of DPPs | S. No. | Week No. | DPP No. |           |   |         |     | No. of DPPs | S. No.                      | Week No. | DPP No.          |           |           |           |           | No. of DPPs |
|--------|----------|---------|-----------|---|---------|-----|-------------|--------|----------|---------|-----------|---|---------|-----|-------------|-----------------------------|----------|------------------|-----------|-----------|-----------|-----------|-------------|
|        |          | PHYSICS | CHEMISTRY |   | BIOLOGY |     |             |        |          | PHYSICS | CHEMISTRY |   | BIOLOGY |     |             |                             |          | PHYSICS          | CHEMISTRY |           | BIOLOGY   |           |             |
|        |          |         | P/I       | O | BOT     | ZOO |             |        |          |         | P/I       | O | BOT     | ZOO |             |                             |          |                  | P/I       | O         | BOT       | ZOO       |             |
| 1      | W-1      | 2       | 2         | 2 | 2       | 2   | 10          | 14     | W-14     | 2       | 1         | 2 | 2       | 2   | 9           | 27                          | W-27     | 2                | 2         | 0         | 2         | 2         | 8           |
| 2      | W-2      | 0       | 3         | 2 | 2       | 2   | 9           | 15     | W-15     | 2       | 3         | 2 | 2       | 2   | 11          | 28                          | W-28     | 2                | 1         | 0         | 2         | 2         | 7           |
| 3      | W-3      | 2       | 4         | 2 | 2       | 2   | 12          | 16     | W-16     | 2       | 2         | 2 | 2       | 2   | 10          | 29                          | W-29     | 2                | 1         | 0         | 2         | 2         | 7           |
| 4      | W-4      | 0       | 2         | 2 | 2       | 2   | 8           | 17     | W-17     | 2       | 2         | 2 | 2       | 2   | 10          | 30                          | W-30     | 2                | 1         | 0         | 2         | 2         | 7           |
| 5      | W-5      | 0       | 2         | 2 | 2       | 2   | 8           | 18     | W-18     | 2       | 3         | 2 | 2       | 2   | 11          | 31                          | W-31     | 2                | 1         | 0         | 0         | 2         | 5           |
| 6      | W-6      | 0       | 1         | 2 | 2       | 2   | 7           | 19     | W-19     | 0       | 3         | 2 | 2       | 2   | 9           | 32                          | W-32     | 0                | 0         | 0         | 0         | 2         | 2           |
| 7      | W-7      | 2       | 3         | 2 | 2       | 2   | 11          | 20     | W-20     | 0       | 2         | 2 | 1       | 2   | 7           | 33                          | W-33     | DIWALI VACATIONS |           |           |           |           |             |
| 8      | W-8      | 2       | 3         | 2 | 2       | 2   | 11          | 21     | W-21     | 2       | 3         | 2 | 2       | 2   | 11          | 34                          | W-34     | 2                | 0         | 0         | 2         | 2         | 6           |
| 9      | W-9      | 2       | 2         | 2 | 2       | 2   | 10          | 22     | W-22     | 2       | 2         | 2 | 1       | 2   | 9           | 35                          | W-35     | 0                | 0         | 0         | 2         | 2         | 4           |
| 10     | W-10     | 2       | 3         | 2 | 2       | 2   | 11          | 23     | W-23     | 2       | 3         | 2 | 2       | 2   | 11          | <b>Total Number of DPPs</b> |          | <b>52</b>        | <b>64</b> | <b>50</b> | <b>62</b> | <b>70</b> | <b>298</b>  |
| 11     | W-11     | 2       | 1         | 2 | 2       | 2   | 9           | 24     | W-24     | 2       | 2         | 2 | 2       | 2   | 10          |                             |          |                  |           |           |           |           |             |
| 12     | W-12     | 2       | 3         | 2 | 2       | 2   | 11          | 25     | W-25     | 2       | 1         | 1 | 2       | 2   | 8           |                             |          |                  |           |           |           |           |             |
| 13     | W-13     | 2       | 2         | 2 | 2       | 2   | 10          | 26     | W-26     | 2       | 0         | 1 | 2       | 2   | 7           |                             |          |                  |           |           |           |           |             |

### JABALPUR STUDY CENTRE

1283, Beside IDBI Bank, Near Manas Bhavan, Wright Town, Jabalpur (M.P.) – 482002; Ph. : 07446655111 | E-mail : jabalpur@resonance.ac.in  
 Website : jabalpur.resonance.ac.in | Contact Numbers : 7024128010/11/12/13

### Resonance Eduventures Ltd.

**PRE-MEDICAL DIVISION CAMPUS:** CG Tower -2, [A-51 (A)], IPIA, Behind City Mall, Jhalawar Road, Kota (Raj.)-05 | **Contact:** 08505099972, 08505099973  
**Reg. & Corporate Office:** CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj) - 324005 | **CIN:** U80302RJ2007PLC024029

**To Know more:** sms **RESO** at **56677** | **E-mail:** contact@resonance.ac.in | **Website:** www.resonance.ac.in

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