

# CAREER POINT

version 2.0

## Syllabus

### PTS NEET

#### PTS NEET 2024

| Test No. | Test Name          | Mode        | Subject    | Topics   |
|----------|--------------------|-------------|------------|--|
| 1        | Unit Test-1        | Home        | Physics    | Electrostatics, Gauss Law, Capacitance & Capacitor, Current Electricity, Heating Effect of Current   |
|          |                    |             | Chemistry  | Chemical Kinetics, Nuclear Chemistry and Surface Chemistry, Electrochemistry, Solid State, Solution and colligative properties   |
|          |                    |             | Biology    | Reproduction in Organisms, Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health  |
| 2        | Unit Test-2        | Home        | Physics    | Magnetism, Magnetic effect of Current, Electromagnetic Induction, Alternating Current  |
|          |                    |             | Chemistry  | General Organic Chemistry, Optical Isomerism and Tautomerism, Hydrocarbons, Halogen Derivatives  |
|          |                    |             | Biology    | Principles of Inheritance and Variation, Molecular Basis of Inheritance, Origin & Evolution of Life and Mutation   |
| <b>3</b> | <b>PART TEST-1</b> | <b>Home</b> | <b>PCB</b> | <b>Topics of Unit Test # 1,2</b>   |
| 4        | Unit Test-3        | Home        | Physics    | Reflection Plain & Spherical Surface, Refraction on Plain Surface, Prism, Refraction on Curved Surface, Lense, Optical Instrument  |
|          |                    |             | Chemistry  | Aromatic Chemistry, Alcohol, Ether and Phenol, Carbonyl Compounds, Carboxylic Acid and It's Derivatives, Nitrogen Compounds and Amines, Carbohydrates, Amino Acid, Protein and Polymers, Practical Organic Chemistry, Chemistry in everyday life |
|          |                    |             | Biology    | Health & Diseases, Strategies for Enhancement in Food Production, Microbes in Human Welfare, Biotechnology - Principles and Process, Biotechnology and It's Applications   |

|          |                    |             |            |  |
|----------|--------------------|-------------|------------|--|
| 5        | Unit Test-4        | Home        | Physics    | Light Waves, Interference of Light, Diffraction, Polarisation, Atomic Structure in Modern Physics, Matter Waves & De-Broglie, Photo-Electric Effect, Radioactivity, Nuclear Physics, Semiconductors and Electronics, EM Waves, Communication Systems |
|          |                    |             | Chemistry  | Coordination Compound, p-block elements [Part-2(Nitrogen, Oxygen, Halogen Family and Noble Gas)], Transitional Elements, Metallurgy  |
|          |                    |             | Biology    | Organism and Population, Ecosystems, Biodiversity and it's conservation, Environmental issues  |
| <b>6</b> | <b>PART TEST-2</b> | <b>Home</b> | <b>PCB</b> | <b>Topics of Unit Test # 3,4</b>   |
| 7        | Unit Test-5        | Home        | Physics    | Essential Mathematics, Units & Dimensions, Vectors, Motion in One Dimension, Motion in Two Dimension, Projectile Motion, Relative Motion, Circular Motion, Newton's Law of Motion, Friction  |
|          |                    |             | Chemistry  | Atomic Structure, Periodic Table, Chemical Bonding   |
|          |                    |             | Biology    | The Living World, Biological Classification, Plant Kingdom, Protozoa, Euglenoid, Animal Kingdom  |
| 8        | Unit Test-6        | 24-Feb-22   | Physics    | Work, Power & Energy, Momentum, Center of Mass, Conservation of Energy & Momentum, Rigid Body Dynamics, Rotational Motion  |
|          |                    |             | Chemistry  | Basic Concepts of Chemistry, Redox and Volumetric Analysis, Gaseous State, Chemical equilibrium  |
|          |                    |             | Biology    | Structural Organization in Plants: Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organization in Animals: Animal Tissues & Cockroach, Cell-The Unit of Life  |
| <b>9</b> | <b>PART TEST-3</b> | <b>Home</b> | <b>PCB</b> | <b>Topics of Unit Test # 5,6</b>   |
|          |                    |             | Physics    | Simple Harmonic Motion (SHM), Gravitation, Properties of Matter, Elasticity, Surface Tension, Viscosity, Hydrostatics, Fluid Dynamics, Calorimetry, Thermal Expansion  |

|           |                    |             |            |  |
|-----------|--------------------|-------------|------------|--|
| 10        | Unit Test-7        | Home        | Chemistry  | Acid Base, Ionic equilibrium, Chemical Energetics, Classification & Nomenclature, Isomerism (Except Optical Isomerism and Tautomerism)   |
|           |                    |             | Biology    | Biomolecules, Cell Cycle and Cell Division, Transport in Plants, Mineral Nutrition, Photosynthesis in Higher Plants, Respiration in Plants, Plant Growth and Development   |
| 11        | Unit Test-8        | Home        | Physics    | Kinetic Theory of Gases, Law of Thermodynamics, Heat Transfer, Transverse Waves , Longitudinal Waves ,Doppler's Effect in Mechanical Waves   |
|           |                    |             | Chemistry  | GOC-1 (Brief Idea of Electronic Displacement Effects), Hydrocarbons (Preparation Methods, Physical and Chemical Properties without Optical Isomerism Application), Purification of Organic Compounds, s-block Elements, Environmental Chemistry, p-block elements [Part-1(Boron and Carbon Family)], Hydrogen and It's Compounds |
|           |                    |             | Biology    | Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and Their Elimination, Locomotion and Movement, Neural Control and Coordination, Chemical Control and Integration   |
| <b>12</b> | <b>PART TEST-4</b> | <b>Home</b> | <b>PCB</b> | <b>Topics of Unit Test # 7,8</b>   |
| 13        | Major Test-1       | Home        | <b>PCB</b> | Full Syllabus  |
| 14        | Major Test-2       | Home        | <b>PCB</b> | Full Syllabus  |
| 15        | Major Test-3       | Home        | <b>PCB</b> | Full Syllabus  |
| 16        | Major Test-4       | Home        | <b>PCB</b> | Full Syllabus  |
| 17        | Major Test-5       | Home        | <b>PCB</b> | Full Syllabus  |
| 18        | Major Test-6       | Home        | <b>PCB</b> | Full Syllabus  |