

# UP Bsc Nursing Syllabus CONET

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### Physics

# Class 12th

- Chapter 1 Electric Charges and Fields
- Chapter 2 Electrostatic Potential and Capacitance
- Chapter 3 Current Electricity
- Chapter 4 Moving Charges and Magnetism
- Chapter 5 Magnetism and Matter
- Chapter 6 Electromagnetic Induction
- Chapter 7 Alternating Current
- Chapter 8 Electromagnetic Waves
- Chapter 9 Ray Optics and Optical Instruments
- Chapter 10 Wave Optics
- Chapter 11 Dual Nature of Radiation and Matter
- Chapter 12 Atoms
- Chapter 13 Nuclei
- Chapter 14 Semiconductor Electronics: Materials,
- **Devices and Simple Circuits**



### Physics

# Class 11th

- Chapter 1 Kinematics
- Chapter 2 Motion In Plain
- Chapter 3 Work Energy Power
- Chapter 4 Thermodynamics
- Chapter 5 Kinetic Theory Of Gases
- Chapter 6 Electromagnetic Induction





# Chemistry Class 12th

Chapter 1: Solutions Chapter 2: Electrochemistry **Chapter 3: Chemical Kinetics** Chapter 4: The d & f Block Elements Chapter 5: Coordination Compounds Chapter 6: Haloalkanes and Haloarenes Chapter 7: Alcohols, Phenols, and Ethers Chapter 8: Aldehydes, Ketones, and Carboxylic Acids **Chapter 9: Amines** Chapter 10: Biomolecules



## Chemistry Class 11th

Chapter 1: Atoms Chapter 2: Periodic Table Chapter 3: Chemical Bonding Chapter 4: Chemical Equilibrium



### Biology

# Class 12th

- Chapter 1 Sexual Reproduction in Flowering Plants
- Chapter 2 Human Reproduction
- Chapter 3 Reproductive Health
- Chapter 4 Principles of Inheritance and Variation
- Chapter 5 Molecular Basis of Inheritance
- Chapter 6 Evolution
- Chapter 7 Human Health and Diseases
- Chapter 8 Microbes in Human Welfare
- Chapter 9 Biotechnology Principles and Processes
- Chapter 10 Biotechnology and Its Application
- Chapter 11 Organisms and Populations
- Chapter 12 Ecosystem
- Chapter 13 Biodiversity and Conservation



### Biology

# Class 11th

- Chapter 1 Digestion & Absorption
- Chapter 2 Breathing and Exchange of Gases
- Chapter 3 Body Fluids and Circulation
- Chapter 4 Excretory Products and their Elimination
- Chapter 5 Locomotion and Movement
- Chapter 6 Neural Control and Coordination
- Chapter 7 The Unit of Life
- Chapter 8 Cell Cycle and Cell Divison
- Chapter 9 Biological Classification
- Chapter 10 Plant Kingdom



### **Nursing Aptitude**

- 1. Nursing Profession in India
- 2. Duties of a professionally qualified nurse
- 3. Qualities of a professionally qualified nurse
- 4. Scope of nursing profession
- 5. Professional etiquettes & attires
- 6. Various important department of a hospital
- 7. Various types of Medical Specialist, such as specialist
- of specific medical specialty e.g. Gastroenterologist,
- orthopedic surgeon, oncologist, cardiologist,
- ophthalmologist neurologist, neurologist etc.
- 8. Alternative & complementary therapies



### Nursing Aptitude

- 9. Important symbols and sign used in Hospital
- 10. Communicable and non-communicable diseases
- 11. Disaster management
- 12. First aid of common ailments
- 13. Personal hygiene
- 14. Environmental hygiene
- 15. Study habits





Antonyms And Synonyms Vocabulary - Prefixes And Suffixes Spotting Errors-Articles , Noun , Pronoun , Adjective Active and Passive Voice Direct and Indirect Speech Common Errors Grammer and usage

