

## AIPMT/NEET Pattern Syllabus

### 5 - UNIT TEST SCHEDULE

| PHYSICS  |                                      | Ques |
|----------|--------------------------------------|------|
| <b>1</b> | <b>UNIT TEST -I</b>                  | 45   |
|          | MEASUREMENT                          |      |
|          | SCALARS AND VECTORS                  |      |
|          | PROJECTILE MOTION                    |      |
|          | FORCE                                |      |
|          | FRICITION IN SOLIDS AND LIQUIDS      |      |
|          | SOUND WAVES                          |      |
|          | THERMAL PROPERTIES OF MATTER         |      |
| <b>2</b> | <b>UNIT TEST -II</b>                 | 45   |
|          | REFRACTION OF LIGHT                  |      |
|          | RAY OPTICS                           |      |
|          | ELECTROSTATICS                       |      |
|          | CURRENT ELECTRICITY                  |      |
|          | MAGNETIC EFFECT OF ELECTRIC CURRENT  |      |
|          | MAGNETISM                            |      |
|          | ELECTROMAGNETIC WAVES                |      |
| <b>3</b> | <b>UNIT TEST -III</b>                | 45   |
|          | CIRCULAR MOTION                      |      |
|          | GRAVITATION                          |      |
|          | ROTATIONAL MOTION                    |      |
|          | OSCILLATIONS                         |      |
|          | ELASTICITY                           |      |
|          | SURFACE TENSION                      |      |
|          | WAVE MOTION                          |      |
| <b>4</b> | <b>UNIT TEST -IV</b>                 | 45   |
|          | STATIONARY WAVES                     |      |
|          | KINETIC THEORY OF GASES              |      |
|          | WAVE THEORY OF LIGHT                 |      |
|          | INTERFERENCE AND DIFFRACTION         |      |
|          | ELECTROSTATICS                       |      |
|          | CURRENT ELECTRICITY                  |      |
|          | MAGNETIC EFFECTS OF ELECTRIC CURRENT |      |
| <b>5</b> | <b>UNIT TEST -V</b>                  | 45   |
|          | MAGNETISM                            |      |
|          | ELECTROMAGNETIC INDUCTIONS           |      |
|          | ELECTRONS AND PHOTONS                |      |
|          | ATOMS, MOLECULES AND NUCLEI          |      |
|          | SEMICONDUCTORS                       |      |
|          | COMMUNICATION SYSTEMS                |      |

| <b>CHEMISTRY</b> |   | Ques |
|------------------|---|------|
| <b>1</b>         | <b>UNIT TEST -I</b>                                     | 45   |
|                  | SOME BASIC CONCEPTS OF CHEMISTRY                        |      |
|                  | STATES OF MATTER : GASES AND LIQUIDS                    |      |
|                  | STRUCTURE OF ATOM                                       |      |
|                  | PERIODIC TABLE  |      |
|                  | REDOX REACTION  |      |
|                  | CHEMICAL EQUILIBRIUM                                    |      |
|                  | SURFACE CHEMISTRY                                       |      |
|                  | NATURE OF CHEMICAL BOND                                 |      |
| <b>2</b>         | <b>UNIT TEST -II</b>                                    | 45   |
|                  | HYDROGEN  |      |
|                  | S-BLOCK ELEMENTS (GROUP 1 & 2)                          |      |
|                  | P-BLOCK ELEMENTS (GRUP 13 &14)                          |      |
|                  | BASIC PRINCIPLES AND TECHNIQUES IN ORGANIC CHEMISTRY    |      |
|                  | ALKANES   |      |
|                  | ALKENES   |      |
|                  | ALKYNES   |      |
|                  | AROMATIC COMPOUNDS                                      |      |
|                  | ENVIRONMENTAL CHEMISTRY                                 |      |
| <b>3</b>         | <b>UNIT TEST -III</b>                                   | 45   |
|                  | SOLID STATE   |      |
|                  | SOLUTIONS AND COLLIGATIVE PROPERTIES                    |      |
|                  | CHEMICAL THERMODYNAMICS AND ENERGETIC                   |      |
|                  | ELECTROCHEMISTRY  |      |
|                  | CHEMICAL KINETICS                                       |      |
|                  | GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMEN |      |
| <b>4</b>         | <b>UNIT TEST -IV</b>                                    | 45   |
|                  | P-BLOCK ELEMENTS (GROUP - 15, 16, 17, 18)               |      |
|                  | D AND F BLOCK ELEMENTS                                  |      |
|                  | COORDINATION COMPOUNDS                                  |      |
|                  | HALOGEN DERIVATIVES OF ALKANES                          |      |
|                  | ALCOHOLS, PHENOLS AND ETHERS                            |      |
| <b>5</b>         | <b>UNIT TEST -V</b>                                     | 45   |
|                  | ALDEHYDES, KETONES AND CARBOXYLIC ACIDS                 |      |
|                  | ORGANIC COMPOUNDS CONTAINING NITROGEN                   |      |
|                  | BIOMOLECULES  |      |
|                  | POLYMERS  |      |
|                  | CHEMISTRY IN EVERYDAY LIFE                              |      |

| <b>BIOLOGY</b>                             |  | Ques |
|--|--|------|
| <b>1</b>                                   | <b>UNIT TEST -I</b>                        | 90   |
|  | DIVERSITY IN ORGANISMS                     |      |
|  | KINGDOM PLANTAE                            |      |
|  | BIOCHEMISTRY OF CELL                       |      |
|  | CELL DIVISION                              |      |
|  | MORPHOLOGY OF PLANTS                       |      |
|  | PANT WATER RELATIONS AND MINERAL NUTRITION |      |
|  | PLANT GROWTH AND DEVELOPMENT               |      |
| <b>2</b>                                   | <b>UNIT TEST -II</b>                       | 90   |
|  | KINGDOM ANIMALIA                           |      |
|  | ORGANIZATION OF CELL                       |      |
|  | STUDY OF ANIMAL TISSUES                    |      |
|  | STUDY OF ANIMAL TYP                        |      |
|  | HUMAN NUTRITION                            |      |
|  | HUMAN RESPIRATION                          |      |
|  | HUMAN SKELETON AND LOCOMOTION              |      |
| <b>3</b>                                   | <b>UNIT TEST -III</b>                      | 90   |
|  | GENETIC BASIS OF INHERITANCE               |      |
|  | GENE ITS NATURE, EXPRESSION AND REGULATION |      |
|  | BIOTECHNOLOGY PROCESS AND APPLICATION      |      |
|  | ENHANCEMENT IN FOOD PRODUCTION             |      |
|  | MICROBES IN HUMAN WELFARE                  |      |
|  | PHOTOSYNTHESIS                             |      |
| <b>4</b>                                   | <b>UNIT TEST -IV</b>                       | 90   |
|  | RESPIRATION                                |      |
|  | REPRODUCTION IN PLANTS                     |      |
|  | ORGANISMS AND ENVIRONMENT -I               |      |
|  | ORIGIN AND EVLUTION OF LIFE                |      |
|  | CHROMOSOMAL BASIS OF INHERITANCE           |      |
|  | GENETIC ENGINEERING AND GENOMICS           |      |
| <b>5</b>                                   | <b>UNIT TEST -V</b>                        | 90   |
|  | HUMAN HEALTH AND DISESES                   |      |
|  | ANIMAL HUSBANDRY                           |      |
|  | CIRCULATION                                |      |
|  | EXCRETION AND OSMOREGULATION               |      |
|  | CONTROL CO-ORDINATION                      |      |
|  | HUMAN REPRODUCITON                         |      |
|  | ORGANISMS AND ENVIRONMENT II               |      |
| <b>10 - FULL PORTION TESTS FOR PHYSICS</b> |  |      |
| <b>10 - FULL PORTION TESTS CHEMISTRY</b>   |  |      |
| <b>10 - FULL PORTION TESTS BIOLOGY</b>     |  |      |