

## JCECE B.Sc Nursing Exam Syllabus 2025-Subject Wise

The JCECE B.Sc Nursing syllabus is divided into subjects like Physics, Chemistry, Biology, etc. The standard of the syllabus is based on the curriculum prescribed for Class 12 whereas the BSc (Post-Basic) Nursing syllabus is similar to the GNM course. Thus, candidates must stay updated with the latest syllabus and curate their exam strategy accordingly. Have a look at the subject-wise JCECE B.Sc Nursing exam syllabus shared below for reference purposes:

### JCECE BSc Nursing Syllabus 2025

Here is the latest JCECE BSc Nursing syllabus for all the sections shared below for the ease of the candidates:

| Subject   | Important Topics                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Biology   | The Difference between Prokaryotic & Eukaryota<br>Mendel's Law of Inheritance<br>Classification Binomial and Nominal Nomenclature<br>Cell Theory<br>The Role of Plants in Human Welfare<br>Mineral Nutrition Essential Elements and their Function<br>Structural Organization of Cell<br>Five Kingdom Classifications                                                                        |
| Chemistry | Solid State<br>Biomolecules<br>Chemical Kinetics<br>Electrochemistry<br>Chemistry in Everyday Life<br>General Principles & Processes of Isolation of Elements<br>Solutions<br>Organic Compounds containing Nitrogen<br>Alcohols<br>Phenol & Ester<br>Polymers<br>P -Block Elements<br>Coordination Compounds<br>D & F -Block Elements<br>Keystones and Carboxylic Acids<br>Surface Chemistry |

|         |                                                                                                                                                                                                                                                                    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physics | Current Electricity<br>Electromagnetic Induction<br>Dual Nature of Matter<br>Electronic Devices<br>Atoms and Nuclei<br>Communication Systems<br>Alternating Current<br>Magnetic Effect of Current & Magnetism<br>Electromagnetic Waves<br>Optics<br>Electrostatics |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### JCECE BSc (Post-Basic) Nursing Syllabus 2025

Here is the latest JCECE BSc (Post-Basic) Nursing syllabus for all the subjects shared below for the reference of the candidates:

| Subjects               | Important Topics                                                                                                                                         |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anatomy and Physiology | Introduction to anatomical terms<br>Skeletal systems<br>Muscular systems<br>Organization of body cells, organs, tissues, etc.<br>Cardio-vascular systems |
| Psychology             | Introduction<br>Psychology of Human Behaviour<br>Personality<br>Intelligence<br>Learning<br>Observation                                                  |
| Sociology              | Concept, Scope, and Nature of Sociology<br>The Family<br>The Individual<br>The Community<br>The Society<br>Economy                                       |
| Microbiology           | Introduction and Scope of Microbiology<br>Infection and its transmission<br>Micro-organisms<br>Introduction to Laboratory Techniques<br>Immunity         |
| First Aid              | Importance of First-Aid                                                                                                                                  |

|                                       |                                                                                                                                                                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       | Community Emergencies<br>First-Aid in emergency situations                                                                                                                                                                                 |
| Fundamentals of Nursing               | Introduction to Nursing<br>Introduction to Pharmacology<br>Nursing care of patient/client<br>Assessment of patient<br>Therapeutic nursing care<br>Basic Nursing care and needs of a patient                                                |
| Personal Hygiene                      | Concept of Health<br>Physical Health<br>Maintenance of Health<br>Mental Health                                                                                                                                                             |
| Medical-Surgical Nursing I            | Introduction<br>Clinical Pharmacology<br>Nursing Assessment<br>Altered Immune Response<br>Patho Physiological Mechanism of Disease                                                                                                         |
| Ear, Nose, and Throat                 | Assessment of the functions of ear, nose, and throat.<br>Management of disorders and diseases of the ear, nose, and throat<br>Disorders and diseases of the ear, nose, and throat.                                                         |
| Oncology/Skin                         | Nursing Management of Patients with abnormal cell growth<br>Detection and prevention<br>Classification of cancer                                                                                                                           |
| Communicable Diseases                 | Assessment<br>Isolation- review of epidemiology and control measures<br>Review of infection, how it spreads, and its control<br>Management of various infectious diseases<br>Reparation, care, and administration of antisera and vaccines |
| Community Health Nursing              | Introduction and Importance                                                                                                                                                                                                                |
| Mental Health and Psychiatric Nursing | Introduction                                                                                                                                                                                                                               |

|                                      |                                                                                                                                                                                                           |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | History of Psychiatric<br>Mental Disorders<br>Psychiatric Nursing Management<br>Mental Health Assessment<br>Community Mental Health                                                                       |
| Computer Education                   | Introduction to computers and disk<br>operating systems<br>Introduction to database<br>Introduction to word processing<br>Computer-aided teaching and testing<br>Graphics and use of Statistical packages |
| Community Health Nursing-II          | Health System in India<br>Vital health statistics<br>Health planning in India<br>Specialized Community health services<br>Healthcare services in India                                                    |
| Paediatric Nursing                   | The concept in child healthcare<br>The Healthy Child<br>The Newborn<br>Welfare of children<br>Children with various disorders and<br>diseases                                                             |
| Midwifery and Gynaecological Nursing | Introduction<br>Nursing Management of Pregnant<br>Women<br>Reproductive System<br>Complications of pregnancy and its<br>management<br>Nursing Management of Women in<br>Labour                            |