

**Dr. D.Y.Patil College of Nursing, Pimpri, Pune 18**  
**First Semester Post Basic B.Sc. Nursing**

**NURSING FOUNDATION**

**Placement: I Semester**

**Theory: 45 Hrs.**

**Practical: 30 Hrs.**

**COURSE DESCRIPTION:**

This course will help students to develop an understanding of the philosophy, objectives and responsibilities of nursing as a profession. The purpose of the course is to orient to the current concepts involved in the practice of nursing and developments in the nursing profession

**OBJECTIVES: At the end of the course, the students will**

1. Identify professional aspects of nursing
2. Explain theories of nursing
3. Identify ethical aspects of nursing profession
4. Utilize steps of nursing process
5. Identify the role of the nurse in various levels of health services
6. Appreciate the significance or quality assurance in nursing.
7. Explain current trends in health and nursing

**COURSE CONTENTS:**

**UNIT I- DEVELOPMENT OF NURSING AS A PROFESSION**

**6 hrs**

- Philosophy
  
- Objectives and responsibilities of a graduate nurse
  
- Trends influencing nursing practice
  
- Expanded role of the nurse
  
- Development of nursing education in India and trends in nursing education
  
- Professional organizations, career planning
  
- Code of ethics & professional conduct for nurses

**UNIT II- CONCEPTS OF HEALTH & ILLNESS**

**12 Hrs**

- Concepts of health and illness, effects on the person
  
- stress and adaptation

- Health care concepts and nursing care concept
- Developmental concepts, needs, roles and problems of the developmental Stages of individual – newborn, infant, toddler, pre-adolescent, adolescent adulthood, middle-age, old age

### **UNIT III -THEORY OF NURSING PRACTICE**

**5 Hrs**

- Meta paradigm of nursing –characterized by four central concepts i.e. nurse, person (client/patient).health and environment
- Nursing theory;
  - Florence Nightingale
  - Virginia Henderson
  - Betty Neumen
  - Dorothea Orem
  - Martha Rogers etc

### **UNIT IV -NURSING PROCESS**

**10 Hrs**

- Nursing Process
- Nursing diagnosis – Definitions, concepts, statements, types, interpretation
- Planning: techniques for planning care, types of care plans.
- Implementation: different approaches to care, organizations and implementation of care, recording.
- Evaluation: tools for evaluation, process of evaluation.

### **UNIT V -QUALITY ASSURANCE**

**6 Hrs**

- Quality assurance: nursing standards, nursing audit, total quality management
- Role of council and professional bodies in maintenance of standards.

### **UNIT VI -APPROACHES TO HEALTH CARE**

**6 Hrs**

- Primary health care concepts:
- Community oriented nursing
- Holistic nursing
- Primary nursing
- Family oriented nursing concepts:

- Problem oriented nursing
- Progressive patient care
- Team nursing

**PRACTICUM: Teaching Learning Activities –  
Nursing process application**

**30 Hrs**

Select one patient and write nursing care plan.

**EVALUATION**

**Internal Assessment: 15 Marks**

(Out of 15 Marks to be send to the University)

Unit test: 25 Marks

Prefinal: 35 Marks

Care Plan: 25 Marks

Total: 85 Marks

(85Marks to be converted into 15 Marks)

**External Assessment (Theory): 35 Marks  
(University Examination)**

**REFERENCES:**

- 1. Kozier B, Erb, G & Oliver, R : Fundamentals of Nursing ;4t h ed. California, Addison Wesley., 1991
- 2. Perry, A.G. & Potter, P.A.: Basic nursing essentials of practice; 5t h ed. St. Louis, Mosby, 2003
- 3. Potter, P.A. & Perry, A.G.: Fundamentals of nursing; 5t h ed. Mosby Harcott (India) Pvt. Ltd.
- 4. Beverly WitlerDugas : Introduction to patient care ; 4t h ed., Saunders,
- 5. White, Lois: Foundations of nursing caring for the whole person; U.S.A. Delmer Thompson Learning,
- 6. Luckmann, J & Sorensen, K.C.: Basic nursing: a psychophysiologic approach; 3rd ed., W. B. Saunders, 2002
- 7. Park, J.E.: Text book of preventive and social medicine; 17t h ed., Banarasida s Bhanot, 2003.



**DR. D.Y. PATIL VIDYAPEETH  
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DR. D. Y. PATIL COLLEGE OF NURSING**

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**FIRST SEMESTER P.B. BSC NURSING**

**FUNDAMENTAL OF NURSING**

**EVALUATION CRITERIA FOR CARE PLAN**

NAME OF THE STUDENT:

YEAR:

WARD:

DATE:

<b>Sr no</b>	<b>CONTENT</b>	<b>Marks allotted</b>	<b>Marks obtained</b>
1	Format	03	

2	Nursing history and examination	05	
3	Nursing care plan	03	
4	Problems	05	
5	Plan of care	04	
6	Implementation & evaluation	05	
	TOTAL	25	

REMARKS FOR IMPROVEMENT:

SIGNATURE OF THE STUDENT:

SIGNATURE OF THE TEACHER:

## **Dr. D.Y.Patil College of Nursing, Pimpri, Pune 18**

### **NUTRITION & DIETETICS**

**Placement: I Semester**

**Theory : 30 Hrs.**

**Practical: 15 Hrs.**

#### **COURSE DESCRIPTION**

This course is designed to provide the students with a wide knowledge of dietetics in Indian setting, that the practice of teaching optimum and realistic dietary planning can become an integral part of nursing practice.

#### **OBJECTIVES: At the end of the course, the students will**

1. Explain the principles and practices of nutrition and dietetics.
2. Plan therapeutic diets in different settings
3. Identify nutritional needs of different age groups and plan diet accordingly.
4. Prepare meals using different methods utilizing cookery rules.

**COURSE CONTENTS:**

**UNIT I- INTRODUCTION TO NUTRITION AND DIETETICS**

**8 Hrs**

- Balanced diet, factors on which it depends.
- Factors to be considered in planning
- Guides available for planning
- Food Hygiene, preparation and preservation
- Review of nutrients – micro & macro

**UNIT II- INTRODUCTION TO DIET THERAPY**

**6 hrs**

- Routine hospital diets
- Therapeutic diet under each unit i. e. cardiovascular diseases, gastrointestinal diseases, renal disorders, endocrine & metabolic disorders, allergy, infections & fevers, pre & post operative stage, deficiency diseases & malnutrition, overweight & underweight.

**UNIT III- INFANT AND CHILD NUTRITION**

**8 Hrs**

- Feeding of normal infants: factors to be considered in planning, nutritional requirements
- Supplementary feeding of infants: Advantage and method of introduction.
- Weaning effects on mother and child.
- Psychology of infant and child feeding.
- Feeding the sick child. Diet in diseases of infancy and childhood.
- Deficiency – malnutrition, under nutrition, other nutrients deficiency.
- Feeding pre-school child: nutritional needs, factors to be considered in planning diets. Problems in feeding.
- School lunch programme: advantages, need in India

**UNIT III- COMMUNITY NUTRITION**

**8 Hrs**

- Need for community nutrition programme
- Nutritional needs for special groups: infant, child, adolescent, Pregnant and lactating mother and old people.
- Substitutes for non-vegetarian foods.
- Selection of cheap and nutritious foods. Nutrition education needs and methods
- Methods of assessing nutritional status of individual / group / community.
- Current nutritional problems and national programmes (mid day meal etc.)

**PRACTICUM:**

**Methods of cooking and cookery rules.**

1. Simple preparation of beverages, soups, cereals and pulses, eggs, vegetables, meat, multipurpose food snacks.
2. Menu Plans.
  - Preparation of supplementary food for infants.
  - Food for toddlers.
  - Low cost nutritious dishes for vulnerable groups.

- Dietary case study of patient on special diet and planning of low cost dietary instructions for home adaptations.
- Planning of therapeutic diets.

**EVALUATION:**

**Internal Assessment: 15 Marks**

(Out of 15 Marks to be send to the University.)

Unit test: 25 Marks

Prefinal: 35 Marks

Therapeutic Diet: 25 marks

Journal: 25 marks

Total: 110 Marks

(110 Marks to be converted into 15 Marks)

**University Examination (Theory): 35 Marks**

**REFERENCES:**

- Clinical dietetics and Nutrition, Antia 4th ed.
- Nutritive value of Indian foods, Gopalan, 1st ed.
- Krause's Food, Nutrition & diet Therapy, Mahan, 11th ed.
- Nutrition & diet therapy, Williams
- Clinical Dietetics & Nutrition, Philip.



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**EVALUATION CRITERIA FOR NUTRITION JOURNAL**

<b>SR.N</b>	<b>ITEMS</b>	<b>MAXIMUM</b>	<b>MARKS</b>
<b>0</b>		<b>MARKS</b>	<b>OBTAINED</b>
<b>1</b>	<b>Description of content</b>		
	Organisation	4	
	Adequacy of content	5	

	Relatedness	4	
<b>2</b>	<b>Illustration Of content</b>		
	Adequacy	4	
	Neatness	4	
	Presentation	4	
	<b>Total</b>	<b>25</b>	

Signature of Student

Signature of Teacher

## Dr. D.Y.Patil College of Nursing, Pimpri, Pune 18

### BIOCHEMISTRY & BIOPHYSICS SECTION – A BIOCHEMISTRY

Placement: I Semester

Theory : 30 Hrs

#### **COURSE DESCRIPTION:**

The broad goal of teaching Biochemistry to nursing students is to enable them understand, the chemical processes taking place in the human body in health and disease. This will help them to increase the quality of patient care.

#### **OBJECTIVES: At the end of the course, the students will**

1. Identify the basic principles of Biochemistry
2. Understand and grasp the basic outline of chemistry and properties of important biomolecules like glucose, urea, etc
3. Summarize the working of enzymes and their importance as diagnostic tools for the clinician.
4. Describe the mechanisms involved in maintenance of body fluids along with electrolytes.
5. Be able to understand the concepts of laboratory medicine, which involves learning about physiological levels of important biomolecules and the underlying cause of change in these levels in disease states.

#### **COURSE CONTENTS**



**UNIT I –INTRODUCTION****2 hrs**

- Introduction: importance of Biochemistry in Nursing
- Study of cell and its various components

**UNIT II- WATER AND ELECTROLYTES****2 hrs**

- Distribution of water and its functions in human body (ECF & ICF)
- Water & Fluid balance
- Electrolyte Distribution and its functions in body
- Dehydration causes and consequences
- Electrolyte imbalance – causes, hypo and hypernatremia and kalemia

**UNIT III- ENZYMES****5 hrs**

- Definition and Mechanism of action
- Factors affecting enzyme activities
- Enzymes in clinical diagnosis and its applications
- Precautions for handling specimens for enzymes estimation
- Digestion and Absorption of carbohydrates, proteins and lipids.
- Factors influencing the digestion and absorption
- Mal absorption syndrome

**UNIT IV- CARBOHYDRATES****05 hrs**

- Elementary outline of Electron transport chain (ETC) and Biological Oxidation
- Elementary consideration of Mono, di and polysaccharides
- Fate of glucose in the body including-gluconeogenesis, glycogenesis, glycolysis, glycogenolysis. Storage of glucose.
- Outline- and Importance of TCA Cycle (Kreb's cycle)
- Regulation of blood glucose levels. Glucose Tolerance test (GTT)  
Hyperglycemia, Hypoglycemia.

**UNIT V- PROTEINS – AMINO ACIDS & HARMONES****05 hrs**

- Protein Chemistry
- Essential amino acids, properties and functions
- Important polypeptides
- Plasma Proteins and their functions
- Nucleic acids- DNA, RNA
- Biosynthesis of proteins in the cells and Role of nucleic acids in protein synthesis
- Nitrogenous constituents of Urine, blood their origin Urea cycle and Nitrogen balance. Uric Acid formation, gout

**UNIT VI –LIPIDS****06 hrs**

- Biological Importance of important lipids and their functions
- Cholesterol and Lipoproteins
- Sources occurrence and distribution

- Blood levels and Metabolism
- Biosynthesis of fats and storage of fats (B-oxidation)
- Role of liver in fat metabolism Fatty liver, its causes and prevention
- Goal of lipid metabolism in Atherosclerosis and Heart diseases
- Ketone body formation and its utilization.
- Causes and detection of ketosis

#### **UNIT VII- INTER-RELATIONSHIP IN METABOLISM**

**05 hrs**

- Carbohydrates, Lipids, a Protein, minerals metabolism
- Nutrition calorie value of food, BMR, SDA, Balance Diet

#### **REFERENCES**

- Anthikad, 'J' : Biochemistry for nurses ;New Delhi : Jaypee Brothers
- Dandekar S.P. : Medical biochemistry (based on MCI guidelines) ;New Delhi : Jaypee Brothers
- Das, Debajyoti : Biochemistry; New ed.; Calcutta, Academic publishers
- 4. Hodkinson M: Clinical biochemistry of the elderly; London: Churchill Livingstone, 1984
- Malhotra, V. : Biochemistry for students; New Delhi: Jaypee Brothers, 1985
- Nath, R.L.: Practice of biochemistry in clinical medicine, 1976
- U Satyanarayana : Biochemistry; Books and Allied Ltd.
- Eastham Duncan Robert: Biochemical values in clinical medicine; 8t h ed.: John Cought and Sons Ltd., 1977

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### **SECTION – B (BIOPHYSICS)**

**Placement: I Semester**

**Theory : 30 Hrs**

#### **COURSE DESCRIPTION:**

The broad goal of teaching Biophysics to nursing students is to enable them to understand the application of physics principles while providing nursing care to the patients.

#### **COURSE CONTENTS:**

##### **UNIT I –INTRODUCTION**

**2 hrs**

- Introduction: Concepts of unit and measurements Fundamental and derived units
- Unit length, weight, mass, time.

##### **UNIT II –MOTION**

**2 hrs**

- Vector and scalar motion, speed, velocity and acceleration
- Newton's law of motion

##### **UNIT III- GRAVITY**

**3 hrs**

- Gravity: Specific gravity,centre of gravity, principles of gravity.
- Effect of gravitational forces on human body.

- Application of principles of gravity in nursing

#### **UNIT IV -FORCE WORK & ENERGIES**

**3 hrs**

- Force, work, Energy: Their units of measurement.
- Type and transformation of energy, forces of the body, Static forces.
- Principles of machines, friction and body mechanics.
- Simple mechanics – lever and body mechanics, pulley and traction, incline plane, screw.
- Application of these principles in nursing.

#### **UNIT V –HEAT**

**3 hrs**

- Heat : Nature, measurement, transfer of heat
- Effects of heat on matter
- Relative humidity, specific heat
- Temperature scales
- Regulation of body temperature
- Use of heat for sterilization
- Application of these principles in nursing

#### **UNIT VI- LIGHT**

**3 hrs**

- Light: Laws of reflection
- Focusing elements of the eye, defective vision and its correction, use of lenses
- Relationship between energy, frequency and wavelength of light
- Biological effects of light
- Use of light in therapy
- Application of these principles in nursing

#### **UNIT VII- PRESSURES**

**3 hrs**

- Pressures: Atmospheric pressure, hydrostatic pressure, osmotic pressure
- Measurements of pressures in the body
- Arterial and venous blood pressures
- Ocular pressure
- Intracranial pressure
- applications of these principles in nursing

#### **UNIT VIII –SOUND**

**2 hrs**

- Sound: Frequency, Velocity and Intensity
- Vocalization and hearing
- Use of ultrasound. Noise pollution and its prevention
- Application of these principles in nursing

#### **UNIT IX –ELECTRICITY**

**5 hrs**

- Electricity and Electromagnetism: Name of Electricity, Voltage, Current, Resistance and their Units.
- Flow of electricity in solids, electrolytes, gases and vacuum.

- Electricity and human body
- ECG, EEG, EMG, ECT
- Pace makers and defibrillation
- Magnetism and electricity
- M.R.I. Scanning, CAT scan

**UNIT X -NUCLEAR PHYSICS**

**2 hrs**

- Atomic Energy : Structure of Atom, Isotopes and Isobars
- Radioactivity : Use of radioactive isotopes
- Radiation protection units and limits, instruments used for detection of
- Ionizing radiation. X-rays.

**UNIT XI- ELECTRONICS**

**2 hrs**

- Principles of Electronics: Common electronic equipment used in patient

**PRACTICUM**

Experiments and Tests should be demonstrated wherever applicable.

**EVALUATION:**

**Internal Assessment: 25 Marks**

(Out of 25 Marks to be send to the University)

	<b>Section - A Biochemistry</b>	<b>Section – B Biophysics</b>	<b>Total Marks</b>
<b>Unit Test</b>	12	13	25
<b>Pre-Final</b>	37	38	75

Biochemistry Journal: **25 Marks**

(125 Marks to be converted into 25 Marks)

**External Assessment (Theory): 75 Marks  
(University Examination)**

Section A: Biochemistry: 37 Marks

Section B: Biophysics: 38 Marks

**Total Marks: 75 Marks**

**REFERENCES:**

- Flitter, H.H.(1989): An introduction to physics in nursing;7th edition Delhi, All India Traveller Book seller.(Original American ed. Pub. by C.V.Mosby, St.Louis).
- Sackheim, S.M.(1962): Practical Physics for nurses; 2nd ed. Philadelphia, W.B. Saunders Co.
- Stearns, H.O.(1962): Fundamentals of physics and Applications; 2nd ed. New York, Macmillan Co.
- T.N.A.I. (1966): Physics and Chemistry; Laboratory Manual for Student Nurses; 3rd ed. New Delhi, T.N.A.I.
- Waters, M.(1958): Elementary physics for Nurses; 6th ed London, Faber and fabor.
- KIGOUR, O.F.G.(1978): An Introduction to the physical aspects of Nursing Sciences; 3rd ed. London, William Heinemann Medical Books Ltd.
- Nordmark, M.t and Rahweder, A.W.(1959): Science Principles in Nursing; Philadelphia, J.B. Lippincott.



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**FIRST SEMESTER P.B. BSC NURSING**

**EVALUATION CRITERIA FOR BIOCHEMISTRY JOURNAL**

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<b>O</b>		<b>MARKS</b>	<b>OBTAINED</b>
<b>1</b>	<b>Description of content</b>		
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	Neatness	4	

	Presentation	4	
	<b>Total</b>	<b>25</b>	

Signature of Student  
Teacher

Signature of

## **Dr. D.Y.Patil College of Nursing, Pimpri, Pune 18**

### **MEDICAL – SURGICAL NURSING**

**Placement: I Semester**

**Theory: 90 hrs.**

**Practical: 270 hrs.**

**COURSE DESCRIPTION :**

The purpose of this course is to widen the students' knowledge and develop proficiency in caring for patients with Medical Surgical problems. This course includes review of relevant anatomy & physiology, pathophysiology in Medical Surgical disorders the nursing management of these conditions.

**OBJECTIVES:** At the end of the course, F.Y.P B B.Sc. Nursing students will be able to

1. Explain relevant Anatomy & Physiology of various systems of the body.
2. Explain etiology, pathophysiology & manifestations of various disorders.
3. Explain the actions, side-effects & nursing implication in administering drugs for various disorders.
4. Discuss the recent advancement in the investigations, treatment & care of patients with Medical Surgical conditions.
5. Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.
6. Assist the patients & their families in identifying & meeting their own health needs.
7. Provide planned & incidental health education on various aspects related to disorder & relevant care.
8. Appreciate the role of the nurse in the Medical Surgical health team.

**COURSE CONTENTS:**

**UNIT I INTRODUCTION TO MEDICAL SURGICAL NURSING**

**4 hrs**

- Introduction to medical surgical nursing.
- Review of concepts of comprehensive nursing care in medical surgical conditions.
- Nurse, patient & his/her family
- Functions of nurse in the outpatient department.
- Intensive care units, Staff requirement, Client's needs & nursing care.

**UNIT II NURSING MANAGEMENT OF PATIENTS WITH SPECIFIC PROBLEMS**

**10 hrs**

- Fluid & electrolyte imbalance.
- Dyspnea, cough & respiratory obstruction.
- Fever & nursing care.
- Shock & nursing care.
- Unconsciousness & nursing care.
- Pain perception & nursing care.
- Acute & chronic illness & nursing care.
- Terminal illness & nursing care.
- Ageing & illness & nursing care.
- Pre & post-operative care.
- Nursing care of clients with incontinence.

**UNIT III NURSING MANAGEMENT OF PATIENT WITH NEUROLOGICAL & NEURO-SURGICAL CONDITIONS.**

**8 hrs**

Review of anatomy & physiology of the nervous system & assessment of clients with CNS disorders, pathophysiology, diagnostic procedures & management of:

- Cerebro-vascular accident & nursing care.
- Cranial, spinal & peripheral neuropathies & nursing care.
- Headache & intractable pain & nursing care.
- Epilepsy & nursing care.

- Nursing care of clients with infectious & inflammatory diseases & trauma of the nervous system.
- Nursing care of clients with common CNS disorders.
- Recent advance in diagnostic & treatment modalities & drugs used in CNS disorders.
- Brain, spinal tumors, congenital malformations, degenerative disorders.

**UNIT IV NURSING MANAGEMENT OF PATIENTS WITH CARDIO-VASCULAR PROBLEMS. 8hrs**

Review of relevant anatomy & physiology of cardio-vascular system & assessment of clients with cardio-vascular disorders, Pathophysiology, diagnostic procedures & management of-

- Ischemic heart disease.
- Cardiac arrhythmias.
- Congestive cardiac failure.
- Rheumatic & other valvular heart diseases.
- Endocarditis, cardiomyopathies, congenital heart diseases, hypertension, heart block.
- Cardiac emergencies: cardiac arrest, acute pulmonary oedema, cardiac tamponade, cardiogenic shock, aneurisms & peripheral-vascular disorders, recent advancement in cardiology.

**UNIT V NURSING MANAGEMENT OF PATIENT WITH RESPIRATORY PROBLEMS 06 hrs**

Review of anatomy & physiology of respiratory system & assessment of clients with respiratory disorders, Pathophysiology, diagnostic procedures and management of upper and lower respiratory tract infection

- Bronchitis, bronchiectasis & nursing care.
- Asthma, emphysema, empyema, atelectasis, COPD and nursing care.
- Chest injuries, respiratory arrest & insufficiency
- Special respiratory therapies & drugs used in the management.

**UNIT VI: NURSING MANAGEMENT OF CLIENTS WITH GENITO-URINARY PROBLEMS. 5hrs.**

Review of anatomy & physiology of the genitor-urinary system & assessment clients with genitor-urinary problems, pathophysiology & management of-

- Congenital disorders, urinary infections.
- Nephritis, renal calculi.
- Acute renal failure, chronic renal failure, end stage renal disease.
- Special procedures: dialysis, renal transplant.
- Benign prostatic hypertrophy.
- Drugs used in the management of these patients.



**UNIT VII: NURSING MANAGEMENT OF CLIENTS WITH PROBLEMS OF THE DIGESTIVE SYSTEMS** **10 hrs**

Review of anatomy & physiology of gastro-intestinal system & accessory organs & assessment of clients with gastro-intestinal tract disorders pathophysiology, diagnostic procedures & management of-

- Gastro-intestinal bleeding.
- Peptic ulcer.
- Acute abdomen.
- Infections, colitis, diarrhoea, dysentery & mal-absorption syndrome.
- Cholecystitis.
- Hepatitis, hepatic coma & cirrhosis of liver, portal hypertension.
- Pancreatitis.
- Tumours, hernias, fistulas, haemorrhoids.
- Drugs used in the management of these patients.

**UNIT VIII: NURSING MANAGEMENT OF PATIENTS WITH ENDOCRINE PROBLEMS.** **5hrs**

Review of anatomy & physiology & assessment of clients with endocrine disorders, pathophysiology, diagnostic procedures & management of-

- Thyroid disorders.
- Diabetes mellitus, diabetes insipidus.
- Adrenal tumours, pituitary disorders.
- Drugs used, diagnostic procedures & nursing management of patient with above problems.

**UNIT IX: NURSING MANAGEMENT OF PATIENTS WITH MUSCULO-SKELETAL PROBLEMS** **5 hrs**

Review of anatomy, physiology & assessment of patients with musculo-skeletal disorders.

- Osteomalacia, osteoporosis, osteomyelitis, bursitis.
- Fractures, dislocation & trauma.
- Prolapsed disc.
- Prosthesis & rehabilitation.
- Transplant & replacement surgeries.

**UNIT X: NURSING MANAGEMENT OF PATIENTS WITH DISORDERS OF FEMALE REPRODUCTIVE TRACT.** **3hrs.**

- Disorders of menstruation & infections of genital tract.
- Benign & malignant tumors of genital tract & RVF & VVF.
- Climacteric changes & associated problems.

**UNIT XI: NURSING MANAGEMENT OF PATIENTS WITH ONCOLOGICAL DISORDERS. 5 hrs**

- Types of neoplasms & related pathophysiology, diagnostic procedures,
- Modalities of treatment & nurses' role.
- Special therapies: chemotherapy & radiotherapy & nursingcare.
- Preventive measures, other therapies.

**UNIT XII: NURSING MANAGEMNT OF PATIENTS WITH BURNS & RECONSTRUCTIVE SURGEIES. 3 hrs**

- Pathophysiology, assessment & nursing management of patients with burns.
- Nursing management of patients with reconstructive surgeries.

**UNIT XIII: NURSING MANAGEMENT OF PATIENTS WITH COMMUNICABLE DISEASES, STDS & HIV/AIDS. 5 hrs**

- Nursing management of patients with common communicable diseases & STDs.
- Nursing management of patients with immunological disorders including HIV/AIDS.

**UNIT XIV : NURSING MANAGEMENT OF PATIENTS WITH DISEASES OF EYE, EAR, NOSE, THROAT & SKIN. 5 hrs**

- Assessment & nursing management of patients with eye disorders.  
(Eye injuries, cataract, inf., blindness)
- Assessment & nursing management of patients with ear disorders (deafness).
- Assessment & nursing management of patients with nose & throat disorders. (DNS, tonsillitis).
- Assessment nursing management of patients with skin disorders.  
(Fungal inf., herpes, psoriasis etc)

**UNIT XV: NURSING MANAGEMNT OF PATIENTS WITH BLOOD DISORDERS. 5 hrs**

- Review of anatomy & physiology of blood & blood products, pathophysiology, diagnostic procedures & management of blood disorders.
- Anaemia, leukaemia.
- Bleeding disorders, haemophilia, purpura etc.
- Blood transfusion, safety checks, procedure & requirements, management of adverse transfusion reaction, records for blood disorders.
- Management & counseling of blood donors, phlebotomy procedure, & post-donation management.
- Blood bank functioning & hospital transfusion committee. Biosafety & waste management in relation to blood transfusion.

**UNIT XVI: NURSING IN EMEGENCIAS. 3hrs.**

- Cardiac emergencies. (included in unit iv)
- Trauma.

- Poisoning.
- Crisis management: thyroid, hypertensive, & adrenal crisis included in unit viii &iv.

**PRACTILUM/CLINICAL EXPERIENCs:**

**Total. Hrs.270**

1. Medical unit	hrs.25.
2. Surgical unit	hrs.25.
3. Cardiology unit	hrs.30.
4. Neurology unit	hrs.30.
5. Intensive care unit	hrs.35.
6. Critical care unit	hrs.35.
7. Burns unit	hrs.15.
8. Orthopaedic unit	hrs.15.
9. Ophthalmic unit	hrs.10
10. Ear,Nose Throat unit	hrs.10
11. Artificial Kidney Dialysis	hrs.15
12. Oncology unit	hrs.10
13. Skin ward	hrs.10
14. General OPD	hrs.05.

**EVALUATION:**

**Internal Assessment:**

**Theory: 25 Marks**  
**Practical: 50 Marks**

**Details as follows:**

**Internal Assessment (Theory): 25 Marks**  
 (Out of 25 Marks to be send to the University)

Unit test 1: 25 marks  
 Prefinal: 75 Marks  
 Seminar: 100 Marks  
 Total: 200 Marks

(200 Marks to be converted into 25 Marks)

**Internal Assessment: Practical: 50 Marks**

**Practical Exam**

Unit test 1: 25 Marks  
 Prefinal: 50 Marks

1. Case Study (Two) ( 50 Marks Each): 100 Marks

(One Medical & One Surgical Nursing)

2. Case Presentation (One) (50 Marks Each):50 Marks  
 (Any specialty i.e., ENT/ Ophthalmology/ Skin/ Burns.)
3. Nursing care plans (Two) (25 marks each): 50 Marks

(Neurology/Orthopedic/Cardiology/Oncology)

4. Clinical Evaluation Comprehensive Nursing Care-300 Marks(100 marks each)i.e., medical Nursing, Surgical Nursing, Critical Care Units

Total: 575

(575Marks from practical to be converted into 50 Marks)

**University Examination:**

Theory: 75 Marks

Practical: 50 Marks

**REFERENCES:**

1. Longhipps. Casseyer. Medical Surgical Nursing. A Nursing process approach. Pub. Mosby co. 1993
2. Lewis, Collier,Heitcemper. Medical Surgical Assessment & management of clinical problems.
3. Brunner &Suddharth. Medical Surgical Nursing Pub.J.B. Lippincott co.
4. Luckman&Sorensen. Medical Surgical Nursing Aphyschophysiologic approach. Pub. W.B. Saunders co.
5. Joyce M. Black, E.M. Jacobs; Medical Surgical Nursing, Clinical Management for



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DR. D. Y. PATIL COLLEGE OF NURSING**

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continuity of care; 5<sup>th</sup> ed.; 1997; by W.B.Saunders company. (Part I &II ).

**FIRST SEMESTER P.B. BSC NURSING  
MEDICAL SURGICAL NURSING  
EVALUATION OF SEMINAR**

**Name of the Student Nurse:**

**Date:**

**Time:**

**Topic:**

Sr No.	Criteria	1	2	3	4	5	Remarks
1.	<b>Knowledge of subject matter</b> a) Organization of subject matter. b) Classification of ideas with appropriate and interesting ideas. c) Depth and mastery of subject. d) Anticipated question and has prepared for answer. e) Selection and organization of A.V. aids f) Integration and correlation with other subject						

	matters g) Submitted in time for correction						
2.	<b>Organization and management of classes</b> a) Budgeting of time b) Asked questions for classification c) Class participation						
3.	<b>Effectiveness of seminar</b> a) Introduction of Topic b) Ability to hold student attention c) Stimulate student participation						
4.	<b>Effectiveness of seminar</b> a) Questioning clear and stimulating b) Maintaining learning atmosphere c) Use of Black Board						
5.	<b>Personal Appearance</b> a) Neatness and professional appearance b) Degree of self confidence c) Language (Appropriate correct, clear, tone, mannerism) d) Punctuality (Starting lesson, completing lesson)						
<b>Total marks out of 100</b>							

Evaluator's Comments:



**DR. D.Y. PATIL VIDYAPEETH**  
**(DEEMED UNIVERSITY)**  
 (Accredited by NAAC with 'A' grade)  
**DR. D. Y. PATIL COLLEGE OF NURSING**

Signature of the student:

Signature of the Evaluator

**FIRST SEMESTER P.B. BSC NURSING**  
**MEDICAL SURGICAL NURSING**  
**EVALUATION CRITERIA FOR CARE PLAN-1**

**Name of the Student:**

**Topic:**

**Date of Submission:**

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	
7	Summary & conclusion including research evidence	05	
8	Bibliography	02	
	Total	50	

Remark:



**DR. D.Y. PATIL VIDYAPEETH  
(DEEMED UNIVERSITY)  
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DR. D. Y. PATIL COLLEGE OF NURSING**

Signature of Student  
Date:

Signature of Evaluator  
Date:

**FIRST SEMESTER P.B. BSC NURSING  
MEDICAL SURGICAL NURSING  
EVALUATION CRITERIA FOR CARE PLAN-2**

**Name of the Student:**

**Topic:**

**Date of Submission:**

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	
7	Summary & conclusion including research evidence	05	
8	Bibliography	02	
	Total	50	

Remark:



**DR. D.Y. PATIL VIDYAPEETH  
(DEEMED UNIVERSITY)  
(Accredited by NAAC with 'A' grade)  
DR. D. Y. PATIL COLLEGE OF NURSING**

Signature of Student

Date:

Signature of Evaluator

Date:

**FIRST SEMESTER P.B. BSC NURSING  
MEDICAL SURGICAL NURSING  
EVALUATION CRITERIA FOR CASE STUDY-1**

**Name of the Student:**

**Topic:**

**Date of Submission:**

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	
7	Summary & conclusion including research evidence	05	
8	Bibliography	02	
	Total	50	

Remark:



**DR. D.Y. PATIL VIDYAPEETH  
(DEEMED UNIVERSITY)  
(Accredited by NAAC with 'A' grade)  
DR. D. Y. PATIL COLLEGE OF NURSING**

Signature of Student  
Date:

Signature of Evaluator  
Date

**FIRST SEMESTER P.B. BSC NURSING  
MEDICAL SURGICAL NURSING  
EVALUATION CRITERIA FOR CASE STUDY-2**

**Name of the Student:**

**Topic:**



**Date of Submission:**

(Maximum Marks – 50)

SN	Criteria	Marks Allotted	Marks Obtained
1	Assessment	05	
2	Theoretical knowledge about disease	05	
3	Comparative study of the patient's disease & book picture.	10	
4	Management: Medical or Surgical.	05	
5	Nursing Process	15	
6	Drug study	03	
7	Summary & conclusion including research evidence	05	
8	Bibliography	02	
	Total	50	

Remark:



**DR. D.Y. PATIL VIDYAPEETH  
(DEEMED UNIVERSITY)  
(Accredited by NAAC with 'A' grade)  
DR. D. Y. PATIL COLLEGE OF NURSING**

Signature of Student  
Date:

Signature of Evaluator  
Date

**FIRST SEMESTER P.B. BSC NURSING  
MEDICAL SURGICAL NURSING  
EVALUATION CRITERIA FOR CASE PRESENTATION**

**Name of the Student: -**

**Name of the patient:-**

Batch:-  
Year:-  
Ward/dept:-  
Supervisor Name:-

Diagnosis:-

Sr.no	Criteria	Assigned Marks	Obtained Marks	Remark
1	Assessment	5		
2	Theoretical knowledge about disease	5		
3	Comparative study of the patient's disease & book picture.	10		
4	Management: Medical or Surgical	5		
5	Nursing process	15		
6	Drug study	3		
7	Summary & conclusion including research evidence	5		
8	Bibliography	2		
	<b>Total</b>	<b>50 Marks</b>		

Signature of student

Signature of Teacher/Supervisor



DR. D.Y. PATIL VIDYAPEETH  
(DEEMED UNIVERSITY)  
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DR. D. Y. PATIL COLLEGE OF NURSING

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**FIRST SEMESTER P.B.BSC NURSING  
CLINICAL EVALUATION I (MEDICAL)**

Name of the student: -

Date:-

Subject: -

Place:-

IV	<b>Name of the evaluator:-</b> 3. Able to correlate theory with practice. 4. Has knowledge of current treatment modalities inclusive of medicine, surgery, pharmacology and dietetics. 5. Take interest in new learning from current literature & seeks help from resourceful people.					
	<b>Quality of clinical skill</b> 1. Identifies problem & sets priority & grasps essential while performing duties. 2. Applies principle in carrying out duties promptly. 3. Has technical competence in performing nursing procedures. 4. Resourceful and practices economy of time material & energy. 5. Observes carefully, reports & records signs & symptoms & other relevant information. 6. Uses opportunities to give health education to patients & relatives.					
<b>TOTAL</b>						

Remarks:



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**(DEEMED UNIVERSITY)**  
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**DR. D. Y. PATIL COLLEGE OF NURSING**

Sign of Student  
Date:

Sign of Evaluator  
Date:

**FIRST SEMESTER P.B.BSC NURSING**  
**CLINICAL EVALUATION II (SURGICAL)**

Name of the student: -

Date:-

Subject: -

Place:-

Name of the evaluator:-

Sr No	Criteria	GRADES				
		5	4	3	2	1
I	<b>Personal &amp; professional behavior</b> <ol style="list-style-type: none"> <li>1. Wears clean &amp; neat uniform and well groomed.</li> <li>2. Arrives and leaves punctually.</li> <li>3. Demonstrates understanding of the need for quietness in speech &amp; manner &amp; protects the patient from undue notice.</li> <li>4. Is notably poised and effective even in situations of stress.</li> <li>5. Influential &amp; displayed persuasive assertive leadership behavior.</li> </ol>					
II	<b>Attitude to Co-workers &amp; patients</b> <ol style="list-style-type: none"> <li>1. Works well as member of nursing</li> <li>2. Gives assistance to other in clinical situations.</li> <li>3. Understands the patient as an individual.</li> <li>4. Shows skills in gaining the confidence &amp; co-operation of patients &amp; relatives, tactful and considerate.</li> </ol>					
III	<b>Application of knowledge</b> <ol style="list-style-type: none"> <li>1. Possess sound knowledge of medical surgical conditions.</li> <li>2. Has sound knowledge of scientific principles.</li> <li>3. Able to correlate theory with practice.</li> <li>4. Has knowledge of current treatment modalities inclusive of medicine, surgery, pharmacology and dietetics.</li> <li>5. Take interest in new learning from current literature &amp; seeks help from resourceful people.</li> </ol>					
IV	<b>Quality of clinical skill</b> <ol style="list-style-type: none"> <li>1. Identifies problem &amp; sets priority &amp; grasps essential while performing duties.</li> <li>2. Applies principle in carrying out duties promptly.</li> <li>3. Has technical competence in performing nursing procedures.</li> <li>4. Resourceful and practices economy of time material &amp; energy.</li> <li>5. Observes carefully, reports &amp; records signs &amp; symptoms &amp; other relevant information.</li> <li>6. Uses opportunities to give health education to patients &amp; relatives.</li> </ol>					
<b>TOTAL</b>						

Remarks:

Sign of Student  
Date:

Sign of Evaluator  
Date:



**FIRST SEMESTER P.B.BSC NURSING  
CLINICAL EVALUATION III (CRITICAL CARE NURSING)**

Name of the student: -

Date:-

Subject: -

Place:-

Name of the evaluator:-

Sr No	Criteria	GRADES				
		5	4	3	2	1
<b>I</b>	<b>Personal &amp; professional behavior</b> 1. Wears clean & neat uniform and well groomed. 2. Arrives and leaves punctually. 3. Demonstrates understanding of the need for quietness in speech & manner & protects the patient from undue notice. 4. Is notably poised and effective even in situations of stress. 5. Influential & displayed persuasive assertive leadership behavior.					
<b>II</b>	<b>Attitude to Co-workers &amp; patients</b> 1. Works well as member of nursing 2. Gives assistance to other in clinical situations. 3. Understands the patient as an individual. 4. Shows skills in gaining the confidence & co-operation of patients & relatives, tactful and considerate.					
<b>III</b>	<b>Application of knowledge</b> 1. Possess sound knowledge of medical surgical conditions. 2. Has sound knowledge of scientific principles. 3. Able to correlate theory with practice. 4. Has knowledge of current treatment modalities inclusive of medicine, surgery, pharmacology and dietetics. 5. Take interest in new learning from current literature & seeks help from resourceful people.					
<b>IV</b>	<b>Quality of clinical skill</b> 1. Identifies problem & sets priority & grasps essential while performing duties. 2. Applies principle in carrying out duties promptly. 3. Has technical competence in performing nursing procedures. 4. Resourceful and practices economy of time material & energy. 5. Observes carefully, reports & records signs & symptoms & other relevant information. 6. Uses opportunities to give health education to patients & relatives.					
<b>TOTAL</b>						

Remarks:

Sign of Student  
Date:

Sign of Evaluator  
Date:

## Dr. D.Y.Patil College of Nursing, Pimpri, Pune- 18.

### ENGLISH

Placement: I Semester

Time Allotted: Theory – 60 Hrs.

#### COURSE DESCRIPTION:

This course is designed to help the student understand and usage of English language required for their professional work.

#### OBJECTIVES: After the course the students will develop

1. Ability to speak and write grammatically correct English
2. Effective skill in reading and understanding the English language
3. Skill in reporting

#### COURSE CONTENTS:

##### UNIT I

15 hrs.

- Remedial study of Grammar
- Review of grammar, vocabulary and effective use of dictionary
- Prepare task oriented seminars
- Symposia and panel discussion

##### UNIT II

10 hrs.

- The ability to understand selected passage and express meaning in one's own words.
- Reading and comprehension of the prescribed books

##### UNIT III

20 hrs.

The study of various forms of composition

- Note taking
- Diary
- Nurses notes, anecdotal records
- Writing of summary
- Nurses reports on health problems

The students will submit one sample of each item from her/his own practical experience.

##### UNIT IV

15 hrs

- Verbal communication
- Oral reports

- Summarization of discussion
- Debate
- Listening comprehension – Film, Cassette and Radio

**PRACTICUM:**

The clinical experience in the wards and bed side nursing will provide opportunity for students to fulfill the objectives of learning language, discussion, debates, seminars and symposia. The students will gain further skills in task oriented communication.

**Evaluation Scheme**

INTERNAL ASSESSMENT

Unit test	:	25
Pre-final	:	50
<b>Total</b>	:	<b>75</b>

**(75 marks to be converted into 25 marks)**

EXTERNAL ASSESSMENT

**College examination : 75 marks**

(Out of 100 Marks to be send to the University along with Internal Assessment marks for inclusion in the Mark Sheet.)

**REFERENCES:**

Some extracts from the book “How to Win Friends & Influence People” – Dale

