

M.Sc.(N) [1st Year]

BF/2022/05

Nursing Education

[Common for all Nursing Specialities]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) List down the characteristics of Learning. [3]
(b) What are the principles of Learning. [6]
(c) Explain the maxims of Teaching. [6]
2. (a) Explain the various Graphic aids. [7]
(b) Discuss the role of educator in procuring Instructional aids. [8]
3. **Write a brief note on :**
(a) Differential scales [5]
(b) Objective structured clinical examination [5]
4. Explain the trends and issues in Nursing Education. [10]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Multiple Choice Questions
(b) Scope of continuing Education in Nursing
(c) Item Analysis
(d) Tests of Intelligence
(e) Functions of Indian Nursing Council
(f) Problems in Counselling
(g) Organization of Learning Experience
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M.Sc.(N) [1st Year]

BF/2022/05

Advance Nursing Practice

[Common for all Nursing Specialties]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
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3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) Describe the Health care delivery system at community level in India. [7.5]
(b) Explain the Family welfare program in India. [7.5]
2. (a) Explain the Health belief model. [7.5]
(b) Describe Orem's self care model with examples. [7.5]
3. (a) What are the health needs of Adolescents ? [5]
(b) What is the importance of Sleep and explain the management of sleep disturbances ? [5]
4. (a) Describe the role of nurse in Disasters. [5]
(b) Roles & responsibilities of Independent nurse practitioner in Critical care. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Code of ethics for nurses in India
(b) Genetic testing
(c) Morbidity and mortality statistics
(d) Cardio pulmonary resuscitation
(e) Nursing process
(f) Crisis intervention
(g) HMIS (Health management information system)
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M.Sc.(N) [1st Year]

BF/2022/05

Nursing Research & Statistics

[Common for all Nursing Specialities]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

Note: 1.) Attempt all questions.

2.) ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.

3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED

4.) The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.

5.) Simple Calculator is Allowed.

SECTION-A

[50 Marks]

(Nursing Research)

1. (a) Define Research, Evidence based practice and Research approach? [5]
(b) Discuss characteristics of Experimental Research? [5]
(c) How will you determine validity and reliability of a Research tool? [5]
2. Differentiate between :
(a) Primary and Secondary Data collection [5]
(b) Dependent and Independent Variables [5]
(c) Experimental and Non-experimental Research [5]
3. Explain any **FOUR** of the following : [5x4=20]
(a) Pilot study
(b) Ethics in Nursing Research
(c) Steps in Nursing Research
(d) Critical analysis of Research report
(e) Hypothesis

SECTION-B

[25 Marks]

(Statistics)

4. Write Short notes on : [3x5=15]
(a) Mean, Median and Standard deviation
(b) Vital Health Statistics
(c) Measure of Central tendency
5. From the following data calculate the coefficient of correlation [10]

X	48	33	40	9	16	16	65	24	16	57
Y	13	13	24	6	15	4	20	9	6	19

M.Sc.(N) [1st Year]

BF/2022/05

Medical Surgical Nursing-I

[Medical Surgical Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:*
- 1.) *Attempt all questions.*
 - 2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
 - 3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*
 - 4.) *Draw neat labelled diagrams wherever necessary.*

1. **Patient named Bimla aged 50 years is admitted in Med. Ward as a case of Congestive Heart Failure with Anemia. Answer the following question:**
 - (a) List five common causes of CHF. [2]
 - (b) List its clinical features and explain pathophysiology. [5]
 - (c) Explain the different treatment modalities that may be used for her. Write the nursing care using Nursing process. [8]
 2. **Mr. A 50 years is admitted in Med. Ward with Liver Cirrhosis. Answer the following question:**
 - (a) Define Liver Cirrhosis and write its types. [3]
 - (b) Enumerate its clinical features and underlying pathophysiology. [5]
 - (c) Describe the modalities of treatment that may be used for Mr. A and explain nursing related implications. [7]
 3. **Ms. Chaudhary aged 45 years female is admitted in Medical Ward with Rheumatoid Arthritis. Answer the following :**
 - (a) Define Rheumatoid arthritis, list its clinical features and explain pathophysiology. [6]
 - (b) Name the specific diagnostic tests that may be done for her. [2]
 - (c) Describe the treatment modalities that may be used for her and explain nursing interventions that you will plan for her. [7]
 4. **Write purposes, pre and post procedure care of patient for any TWO of the following procedures :** [5x2= 10]
 - (a) Angiocardiology
 - (b) Abdominal Paracentesis
 - (c) Lumber Puncture
 5. **Write Short Notes on any FOUR of the followings :** [5X4=20]
 - (a) Diabetics Ketoacidosis
 - (b) Measles
 - (c) Status Epilepticus and its management
 - (d) Gamma Knife and implication for Nursing Practice
 - (e) Theories of Ageing
 - (f) Alzeimer Disease
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QP Code: MNN106

M.Sc.(N) [1st Year]

BF/2022/05

Community Health Nursing-I

[Community Health Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note: 1.) *Attempt all questions.*
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. (a) Discuss National population policy. [10]
(b) Briefly discuss the staffing pattern of Primary health centre. [5]
2. (a) Write in short about common National health problems in India. [10]
(b) How advances in technology have changed the perspective of Community health nursing. [5]
3. Explain any two Population theories. [10]
4. (a) Explain any one Model of Quality assurance. [5]
(b) Give a short account of the Disaster cycle. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- (a) ICDS
(b) Epidemiological triad
(c) Principles of IMNCI guidelines
(d) The Integrated case management process for Sick Child in the age group of 2 months to 5 years
(e) Family health assessment
(f) Importance of Communication skills for a Community health nurse
(g) Role and responsibilities of PHN
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QP Code: MNN104

M.Sc.(N) [1st Year]

BF/2022/05

Psychiatric Mental Health Nursing-I

[Psychiatric Nursing Speciality]
[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) *Attempt all questions.*
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. (a) Describe the Psychoanalytical theory of personality development and its relevance to psychiatric nursing. [10]
(b) Discuss the challenges and scope of Mental health nurse. [5]

2. (a) Critique the salient features of Mental Health Act. [10]
(b) Explain the nurse's role in admission of a Mentally ill patient. [5]

3. (a) Explain the factors affecting Therapeutic communication. [5]
(b) Discuss the problems related to conception, pregnancy and puerperium. [5]

4. (a) Explain the Components of Self concept. [5]
(b) Discuss the nurse's role in Post electro convulsive therapy. [5]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
 - (a) Neuropsychiatric Disorders
 - (b) Assertive Behavior
 - (c) Dynamics of Therapeutic Nurse Patient Relationship
 - (d) Group Therapy
 - (e) Implications for Nursing in Psychobiology
 - (f) Management of Stress
 - (g) Genetic Counseling

M.Sc.(N) [1st Year]

BF/2022/05

Obstetrical Nursing-I

[Obstetrical & Gynaecological Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. **Mrs. M, Primigravida 41 weeks of gestation admitted to Labour unit for Induction of labour.**
 - (a) Define Induction of labour. [2]
 - (b) Enumerate the indications for Induction of labour. [3]
 - (c) Discuss the methods of Induction of labour. [5]
 - (d) Explain the nurse's responsibility during Induction of labour. [5]

2. **Write nursing responsibilities while administering following drugs :**
 - (a) Administration of Oxytocin [5]
 - (b) Iron supplement [5]
 - (c) Misoprostol [5]

3.
 - (a) Explain the physiology of Lactation and Exclusive breast feeding. [5]
 - (b) Describe the plan of organization of Neonatal care services at your hospital. [5]

4. Explain importance of Antenatal counseling in prevention of complications and preparation of safe confinement. [10]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
 - (a) Family Welfare Programme
 - (b) Physiological changes in Menopause
 - (c) Partograph
 - (d) Fetal circulation
 - (e) Diagnostic procedures for Female Infertility
 - (f) Trends in Midwifery practice
 - (g) Evidence based studies

QP Code: MNN107

M.Sc.(N) [1st Year]

BF/2022/05

Pediatric Nursing-I

[Child Health(Pediatric) Nursing Speciality]
[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) Define Newborn baby. [3]
(b) What are the characteristics of Newborn baby. [6]
(c) Explain physiological assessment of Newborn baby. [6]
 2. (a) Define Preventive pediatrics. [4]
(b) What are the aims and scope of Preventive pediatrics. [6]
(c) Discuss the role of nurse in Preventive pediatrics. [5]
 3. (a) Define IMR. [2]
(b) Describe factors affecting IMR. [4]
(c) Write in detail about Preventive and social measures of IMR. [4]
 4. (a) What do you mean by IMNCI. [2]
(b) Discuss principles of IMNCI. [3]
(c) How can assess and classify the Sick Child age 2 months upto 5 years. [5]
 5. **Write Short notes on any FIVE of the following :** [5x5=25]
 - (a) Play therapy for ill hospitalized Child
 - (b) Role of Pediatric nurse in prenatal care
 - (c) Rights of Children
 - (d) Nutritional Programmes
 - (e) Special needs of an Infant
 - (f) National health programs related to Child health
 - (g) Organisation of Neonatal care
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M.Sc.(N) [2nd Year]

BF/2022/05

Nursing Management

[Common for all Nursing Specialties]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) *Attempt all questions.*
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. (a) What are the different methods of Patient assignment? [4]
(b) Explain the types and functions of any three Ancillary services in hospital. [6]
(c) Suggest any two methods to resolve conflict among Staff nurses. [5]
2. (a) What all planning needs to be done before any In-Service education session? [5]
(b) Discuss the types of Communication and Communication process? [5]
(c) List the factors affecting Communication. [5]
3. (a) Define Performance appraisal. Why is performance appraisal necessary? [5]
(b) Explain the points to be kept in mind while Delegating a task to someone. [5]
4. **Briefly describe any TWO of the following :** [5x2=10]
(a) Herzberg's two factor theory
(b) National health policy
(c) Functions of management
(d) Management by objectives
5. **Write short notes on any FIVE of the following :** [5x5=25]
a. Nursing informatics
b. Hospital information system
c. Stress management for nurses
d. Infection control in hospital
e. Code of ethics
f. Strategic planning
g. Critical thinking
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M.Sc.(N) [2nd Year]

BF/2022/05

Psychiatric (Mental Health) Nursing - II

[Psychiatric Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) Define Schizophrenia. [2]
(b) Discuss Premorbid behaviour, which is predictor in development of Schizophrenia. [5]
(c) Write nursing management of a patient with Paranoid Schizophrenia. [8]
2. (a) Define Obsessive compulsive disorder. [2]
(b) Discuss etiological factors which lead to OCD. [6]
(c) Elaborate nursing management of patient who is having rituals of Hand washing. [7]
3. **Discuss Nursing management of the following conditions :**
(a) Mentally Challenged [5]
(b) Anorexia Nervosa [5]
4. (a) Define Community mental health nursing. [2]
(b) Write role of Nurse in Community mental health. [8]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Development of human sexuality
(b) Crisis intervention
(c) Psychological aspects of aging
(d) Conversion disorder
(e) Sheltered workshops
(f) Adjustment disorders
(g) Death dying- Counseling
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QP Code: MNN203

M.Sc.(N) [2nd Year]

BF/2022/05

Community Health Nursing - II

[Community Health Nursing Speciality]
[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) Enlist the Emerging and Re-emerging diseases in India. [2]
(b) Briefly discuss the descriptive Epidemiological methods to study disease. [5]
(c) Describe the role of nurse in Epidemiology study of disease. [8]

 2. (a) Explain the concept of School health programs. [2]
(b) Discuss the safe environment for School children. [5]
(c) Describe the role of nurse in First Aid treatment for Minor ailment for School children. [8]

 3. (a) Explain the strategies of National mental health program. [5]
(b) Describe the steps to be followed on prevention of mental illness in Community. [5]

 4. (a) Explain the Geriatric health problems. [5]
(b) Briefly describe the Care of elderly at Home. [5]

 5. **Write Short Notes on any FIVE of the following :** [5x5=25]
 - a. Rehabilitation of chronic illness
 - b. Role of nurse in material management
 - c. Global health rules to halt Covid- 19
 - d. Substance abuse
 - e. Child labour
 - f. E.S.I. Scheme
 - g. In-service education program in community health nursing
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M.Sc.(N) [2nd Year]

BF/2022/05

Pediatric (Child Health) Nursing - II

[Child Health(Pediatric) Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) Define Rheumatic fever. [2]
(b) What are the complications of Rheumatic fever ? [3]
(c) What is the medical and nursing management of Rheumatic fever? [7]
(d) What health education you will plan for the Parents during Discharge. [3]
2. **Baby of Parvati one day is diagnosed to be having Meningomyelocele.**
(a) Define Spina bifida (neural tube defects) and classify it. [3]
(b) Enumerate the causes of Congenital malformation in Children. [4]
(c) Discuss the pre and post- operative management of baby of Parvati. [8]
3. **Describe nursing management of Child with following conditions on any TWO :** [5x2=10]
(a) Tonsillitis
(b) Hydronephrosis
(c) Exstrophy of bladder
4. **Discuss the following :**
(a) Legal and ethical issues in Paediatric intensive care [5]
(b) Early detection of Mentally challenged children and their management. [5]
5. **Write Explanatory Notes on any FIVE of the following :** [5x5=25]
(a) Changing trends in Paediatric nursing
(b) Calculation of dose of drugs in Paediatrics
(c) In-service education programme in Paediatric care
(d) Special physical features of a Paediatric unit of the hospital
(e) Explain the special law related to Children
(f) Methods oxygen administration in Children
(g) Cerebral palsied child
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M.Sc.(N) [2nd Year]

BF/2022/05

Obstetric and Gynaecological Nursing - II

[Obstetrical & Gynaecological Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) **Attempt all questions.**
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. (a) What are the risk factors of transmission of HIV infection that influence Mother to Child transmission risk ? How it can be prevented ? [6]
(b) Plan an In-service program for nursing staff working in Maternity unit regarding Standard safety measures. [6]
(c) Explain the concept of Prevention of parent to child transmission (PPTCT) ? [3]
2. (a) What is Pelvic Inflammatory Disease (PID) ? [2]
(b) Discuss risk factors and clinical features of PID. [7]
(c) Discuss briefly post operative care of Women who has undergone Vaginal hysterectomy. [6]
3. (a) Explain briefly about Intra uterine growth retardation. [4]
(b) How will you manage a case of Abruptio placenta admitted with Severe vaginal bleeding in your ward at 34 weeks of pregnancy. [6]
4. **A Primi Mother is in Prolonged Labour. she has been ordered 4 units of Oxytocin drip. Answer the following.**
(a) How will you prepare and administer Oxytocin. [5]
(b) What are nursing responsibilities in monitoring Mother and Fetal condition in the above case. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
 - (a) Explain Infection control policies in Labour room.
 - (b) Discuss organization of nursing services in NICU.
 - (c) Discuss causes and management of Uterine prolapse.
 - (d) Describe medical management of Eclampsia patient.
 - (e) Explain Retained placenta.
 - (f) Describe Pregnancy with Diabetes mellitus.
 - (g) Discuss Screening of High risk pregnancy & newer modalities of diagnosis.

M.Sc.(N) [2nd Year]

BF/2022/05

Medical Surgical Nursing - II
(Sub Speciality - Cardio Vascular and Thoracic Nursing)

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note: 1.) *Attempt all questions.*
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. **Mrs. X is admitted in Emergency with diagnosis of Pneumonia:**
 - (a) What are the sign and symptoms and clinical presentation the patient is expected to have. [4]
 - (b) Write pathophysiology along with risk factors. [4]
 - (c) Discuss in detail medical and nursing management of Pneumonia. [7]

2. **Mr. Verma 46 years old is known case of Infective Endocarditis. Discuss his condition under following headings:**
 - (a) Define Endocarditis. [2]
 - (b) Discuss pathophysiology and associated sign and symptoms. [6]
 - (c) Discuss medical and nursing management of this patient. [7]

3. **Baby Sonia, 3 years old admitted with diagnosis of Tetralogy of Fallot in CTVS Ward for surgery:**
 - (a) Define Tetralogy of Fallot. [2]
 - (b) Discuss the sign and symptoms of patient. [3]
 - (c) Explain surgical intervention and nursing care of Baby. [5]

4. **Describe nursing responsibilities in following clinical situations:**
 - (a) Patient with Chest tube drainage [5]
 - (b) Patient on Anti hypertensive drugs [5]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
 - (a) Embryological development of heart
 - (b) Principles of mechanical ventilation
 - (c) Cystic fibrosis
 - (d) Cardiac catheterization
 - (e) Nurse's role in management of ICCU
 - (f) Varicose veins
 - (g) Psychosocial aspects of cardiac diseases

M.Sc.(N) [2nd Year]

BF/2022/05

Medical Surgical Nursing - II
(Sub Speciality - Critical Care Nursing)

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. **As a Nursing administrator you have to set up Critical care unit of 25 beds. Answer the following :**
 - (a) Principles of Critical care nursing. [5]
 - (b) Impact of Critical care environment on patients. [5]
 - (c) Equipment's and supplies in Critical care unit. [5]

 2. **Discuss the pathophysiological changes and clinical manifestation for the following :** [5x3=15]
 - (a) Fulminant hepatic failure
 - (b) Chronic renal failure
 - (c) Guillein barre- syndrome

 3. **Write the nursing management for the following :** [5+5= 10]
 - (a) Patient with Gastrointestinal bleeding
 - (b) Patient with Spinal injury at C3 & C4

 4.
 - (a) Explain pathophysiology and clinical manifestation in Diabetic ketoacidosis. [5]
 - (b) Discuss medical and nursing management of a patient with Diabetic ketoacidosis. [5]

 5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
 - (a) Nursing audit
 - (b) Obstetrical shock
 - (c) Organ donation & Counselling
 - (d) Cyanotic heart disease in Paediatrics
 - (e) Burnout syndrome among Nurses
 - (f) Nurses role in patient with Thyroid crisis
 - (g) Methicillin - resistance staphylococcus aureus (MRSA)
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M.Sc.(N) [2nd Year]

BF/2022/05

**Medical Surgical Nursing - II
(Sub Speciality - Oncology Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

Time : 3 Hours

Max Marks : 75

- Note:* 1.) *Attempt all questions.*
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*
3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. **Mrs. Malhotra 45 years old female is suffering from Cancer Cervix and is admitted at cancer care facility.**
 - (a) Describe the causes and clinical features of Cancer cervix. [4]
 - (b) List and explain various stages of Cancer cervix. [4]
 - (c) Write in detail the care plan of patient suffering from Cancer cervix. [7]

 2. **Mr. Rastogi 60 years old male, is admitted as a case of cancer lung and is planned for Lobectomy.**
 - (a) Describe the causes and clinical features of Cancer Lung. [4]
 - (b) List and explain various stages of cancer Lung. [4]
 - (c) Write in detail the care plan of patient suffering from cancer Lung and undergoing Lobectomy. [7]

 3. **Mrs. Batra 48 years old female, is diagnosed as case of Squamous cell carcinoma of skin.**
 - (a) Describe the causes and clinical features of Skin Cancer. [4]
 - (b) Write in detail the care of patient suffering from Skin Cancer and undergoing treatment for same. [6]

 4. **Mrs. Chawla 55 years is undergoing treatment by Stem cell transplant**
 - (a) Describe the process of Stem cell preservation. [4]
 - (b) Explain various roles of Onco care nurses in Stem cell transplant. [6]

 5. **Write Short Notes on any FIVE of the following :** [5x5=25]
 - (a) TNM Staging
 - (b) Carcinogenesis
 - (c) Principles of cancer management
 - (d) Breast self examination
 - (e) Antineoplastic agents
 - (f) Palliative care
 - (g) Superior venacava syndrome
-