



# **Post Basic Bachelor of Sciences in Nursing [B.Sc. N. (PB)]**

**Assignments**

**2023**

**2nd Year**

**(Pre-revised Courses BNS 106, 107 & 108)**

*School of Health Sciences  
Indira Gandhi National Open University  
Maidan Garhi, New Delhi-110 068*

Dear Student,

As explained in the Programme Guide, there are five assignments in total and all these assignments are compulsory. Please note that you are required to score 50% marks in each assignment separately. The assignments carry a weightage of 30% marks towards the final evaluation in theory component and **submission of related assignments is a prerequisite** for appearing in theory term-end examination for respective courses. The subject area of assignments and its last date of submission are mentioned below:

Last Date of Submission	Course Code	Blocks Involved	Assignment Code
31 <sup>st</sup> July, 2023	BNS-106	1,2&3	BNS-106/TMA-1
	BNS-107	1,2&3	BNS-107/TMA-1
	BNS-108	1&2	BNS-108/TMA-1
31 <sup>st</sup> August, 2023	BNS-106	4&5	BNS-106/TMA-2
	BNS-108	3&4	BNS-108/TMA-2

Please take note of the following points before writing your assignments:

- Use only foolscap size paper for writing your responses. **Only handwritten assignments** will be accepted. Typed or printed copies of assignments will not be accepted.
- Tie all the pages after numbering them carefully.
- Write the question number with each answer.
- **All the questions are compulsory.**
- Every assignment will be evaluated out of a full mark of 100. Weightage is indicated in parenthesis against each question.

**Suggestions for writing an assignment:**

Read the assignments carefully. Scan through the whole material of the course, answers may be linked within the blocks/units. Draw a rough outline of your answer in your own words. Support your answer from your clinical/community experience. Make a logical order. Then write your answer neatly and submit. Give illustrations and tables wherever necessary. **You may keep a xerox copy of the answer sheets for future reference.**

**Do not copy from print material.**

Answer each assignment in separate sheets. On the first page of the assignment response sheet, write the course code, course title, assignment code, name of your **programme study centre** (PSC) and date of submission. Your Enrollment No. Name and Full address should be mentioned in the top right corner of the first page. The first page of your response sheet should look like the format given below:

Course Code_____	Enrollment No._____
Course Title _____	Name_____
Assignment Code_____	Address _____
PSC_____	_____
Date of Submission_____	_____

**Please submit the assignments to the Programme In-charge of the Programme Study Centre allotted to you.**

# MEDICAL SURGICAL NURSING (BNS-106)

## Assignment -1 (Block 1, 2 & 3) (Tutor Marked)

Programme Code: B.Sc. N (PB)

Course Code: BNS 106

Assignment Code: BNS 106/TMA-1/2023

Maximum Marks: 100

Last date of Submission: July 31, 2023

This assignment has three parts – Part A, B, and C

Note:

Part A consists of two long questions. Each question carries 15 marks

Part B consists of six short questions. Each question carries 10 marks

Part C consists of four objective type questions. Each question carries 2 ½ marks.

### Part – A

1. a) Define Pneumothorax.  
b) Enlist the different types of Pneumothorax.  
c) Discuss the Nursing Management of a patient with Pneumothorax. (2+5+8= 15)

2. a) Define Thrombophlebitis.  
b) Enumerate the signs and symptoms of Thrombophlebitis.  
c) Describe the treatment, surgical and nursing interventions for a patient suffering from Thrombophlebitis. (2+3+3+3+4=15)

### Part – B

3. a) Define Hypothermia. List five Physiological responses to Hypothermia.  
b) Enumerate the management of Hypothermia. (1+5+4=10)
4. a) Define Carpal Tunnel Syndrome.  
b) List the causes of Carpal Tunnel Syndrome.  
c) Enumerate the Treatment of Carpal Tunnel Syndrome. (2+4 +4 =10)
5. a) Enlist the classic states of sensuousness.  
b) Explain the role of Glasgow Coma Scale in monitoring the levels of consciousness. (5+5=10)
6. Discuss the Nursing care of patient in the Immediate Post Operative Phase . (10)
7. a) Explain the criteria for the diagnosis of Respiratory Failure.  
b) Discuss the Nursing Responsibilities in managing a tracheostomy patient. (3+7=10)
8. Describe the role of Medical Surgical Nurse in various specialty areas. (10)

## Part –C

9. Place a tick mark (✓) against the most appropriate answer given under each statement

(5x ½ =2 ½)

- a) Perception of pain and response to pain constitute:
- i) Pain Tolerance
  - ii) Pain Detection
  - iii) Pain Experience
  - iv) Pain Sensation
- b) Biotic Factors include all except:
- i) Pathogens
  - ii) Parasites
  - iii) Quality of food products
  - iv) Radiation
- c) The loss of sense for form and configuration of felt objects is called :
- i) Astereognoses
  - ii) Anesthesia
  - iii) Aphasia
  - iv) Atonia
- d) Class 3 Congestive heart failure is characterized by:
- i) Comfortable at Rest
  - ii) Slight limitation on physical activities
  - iii) Symptoms on activity
  - iv) All of the above
- e) Cardioplegia during Cardiopulmonary Bypass Mechanism is brought out by solution containing high amount of :
- i) Potassium
  - ii) Sodium
  - iii) Calcium
  - iv) Ammonium

10. Match the statements given in column A with items given in column B: (5x ½ =2 ½)

### Column A

- a) Disseminated Intravascular Coagulation
- b) Levophed Bitatrate
- c) Way of setting Priority
- d) Disruption of all walls of Artery  
Leading to leakage of blood
- e) Tricuspid Atresia

### Column B

- i) Pseudoaneurysm
- ii) Triage
- iii) Complication of Hemorrhage
- iv) Management of Shock
- v) Dysrhythmias
- vi) Pot's Shunt

11. Fill in the blanks:

(5 x 1/2 = 2 1/2)

- a) Mutations recognized as foreign cells are destroyed by immune response called \_\_\_\_\_.
- b) Injection of \_\_\_\_\_ is given in Penicillin anaphylactic type reaction .
- c) Dressing over forehead occurs when \_\_\_\_\_ artery has been used for Coronary artery bypass graft.
- d) Lifelong anti-rejection drugs have to be taken by \_\_\_\_\_ patients.
- e) Polyradiculitis is other name for \_\_\_\_\_.

12. Place a tick mark (✓) against “T” if you consider the statement as true and “F” if you consider the statement as false. (5 x 1/2 = 2 1/2)

- a) Cosmetic Surgery is an elective type of surgery. (T/F)
- b) Von Economic Virus can cause Secondary Parkinsonism. (T/F)
- c) Cluster Headache is common in Men. (T/F)
- d) The main cause of Hypertension is Smoking. (T/F)
- e) Peripherally acting adrenergic drugs used to treat Hypertension decrease heart rate. (T/F)

# MEDICAL SURGICAL NURSING (BNS-106)

## Assignment -2 (Block 4 & 5) (Tutor Marked)

Programme Code: B.Sc. N (PB)

Course Code: BNS 106

Assignment Code: BNS 106/TMA-2/2023

Maximum Marks: 100

Last date of Submission: 31<sup>st</sup> August, 2023

**This assignment has three parts – Part A, B, and C**

**Note:**

**Part A consists of two long questions. Each question carries 15 marks**

**Part B consists of six short questions. Each question carries 10 marks**

**Part C consists of four objective type questions. Each question carries 2 ½ marks.**

### Part – A

1. a) Define Crohn's Disease.  
b) Explain the pathophysiology of Crohn's disease.  
c) Differentiate Crohn's Disease and Ulcerative Colitis.  
d) Discuss the Nursing Interventions to be followed when caring for a patient with Crohn's disease. (2+3+5+5= 15)
  
2. a) Define Burn Injury.  
b) Explain briefly the types of plastic surgery.  
c) Describe the Nursing Management of a Patient with Reconstructive surgery for burns. (2+4+9 =15)

### Part – B

3. a) List the causes and sign and symptoms of Peritonitis.  
b) Explain the management of Patient admitted in your Nursing unit with peritonitis. (2+3+5=10)
  
4. Discuss the Nursing Management of a patient undergoing Bowel Surgery. (10)
  
5. a) Briefly Classify Chemotherapy drugs as learnt by you.  
b) Discuss the Nursing responsibilities when administering the Chemotherapeutic drugs (5+5=10)
  
6. a) Define Blood Transfusion reaction.  
b) Enlist any four Acute Blood Transfusion reactions with their management. (2++8=10)
  
7. a) Define Non Insulin Dependent Diabetes Mellitus.  
b) List SIX complications of Non Insulin Dependent Diabetes Mellitus.

- c) Discuss the Nursing Management of patient with diagnosis of Non Insulin Dependent Diabetes Mellitus. (2+3+5=10)
8. Describe the pre and post operative nursing management of a patient with Head Injury. (10)

### Part –C

9. Place a tick mark (✓) against the most appropriate answer given under each statement (5x ½ =2 ½)

- a) Deltoid is the name given to muscle according to its:
- i) Appearance
  - v) Action
  - vi) Presence
  - vii) Attachment
- b) Mechanical Intestinal Obstruction occurs due to all of the following except:
- i) Strangulated hernia
  - v) Carcinoma of Bowel
  - vi) Intussusception
  - vii) Paralytic Ileus
- c) Palliative care provides which of the following :
- i) Improve life expectancy
  - v) Objective Satisfaction
  - vi) Multidimensional professional care
  - vii) Prevent the illness
- d) Type III Hypersensitivity reaction is seen in :
- i) Allergic Rhinitis
  - v) Serum Sickness
  - vi) Blood transfusion reaction
  - vii) Contact dermatitis
- e) The test useful in detecting antiviral activity of mediations in AIDS is :
- i) ELISA
  - v) Western Blot
  - vi) CD4 cell count
  - vii) Test for P24

10. Match the statements given in column A with items given in column B: (5x ½ =2 ½)

#### Column A

- a) Semilunar cartilage
- b) Vincent Infection
- c) Primary Intervention for cancer of skin
- d) GRF below 10ml/minute

#### Column B

- i) Fusiform Bacillus and Spirochaete
- ii) Reverdin Graft
- iii) Seen in Diarthrotic Joint
- iv) Y-Plasty

e) Throat

v) Clinical uremia

vi) Curative Surgery

11. Fill in the blanks:

(5 x 1/2 = 2 1/2)

- a) Rheumatoid Arthritis is characterized by filling of \_\_\_\_\_ in the joint.
- b) Tubeless Gastric Analysis cannot detect \_\_\_\_\_ of HCl in gastric contents.
- c) The first step in treating Tumor lysis syndrome is to maintain \_\_\_\_\_ status of the patient.
- d) Replacement of fluid after burns can lead to inaccurate Hemoglobin estimation due to \_\_\_\_\_.
- e) \_\_\_\_\_ is done on grafted skin to match the surrounding skin.

12. Place a tick mark (✓) against 'T' if you consider the statement as true and 'F' if you consider the statement as false.

(5 x 1/2 = 2 1/2)

- a) Nurse should give importance to 5 B's when caring for a patient with Pott's Paraplegia. (T/F)
- b) The main cause of Pancreatitis is alcohol abuse. (T/F)
- c) Siblings have 0.4% chance of being perfect matches for organ transplant. (T/F)
- d) Availability of organ is major limitation in Kidney Transplantation. (T/F)
- e) Plastic surgery for extent of traumatic injury is an individualized procedure. (T/F)

**Assignment – 1 (Block 1, 2 & 3) (Tutor Marked)**

**Programme Code: B.Sc. N (PB)**  
**Course Code: BNS 107**  
**Assignment Code: BNS 107/ TMA-1/2023**  
**Maximum Marks – 100**  
**Last date of submission: July 31<sup>st</sup>, 2023**

**Note:**

**This Assignment has three parts i.e. Part A, B and C**

**Part A consist of two long answer questions. Each question carries 15 marks.**

**Part B consist of six short answer questions. Each question carries 10 marks.**

**Part C consist of four objective type questions. Each question carries 2½ marks.**

**Part - A**

1. a) List danger sign that you should observe carefully at birth of a newborn and report immediately.  
b) List the conditions which demand resuscitation alert.  
c) Prepare an Apgar scoring chart for a baby whose delivery has been attended by you during your clinical experience.  
d) Explain the initial steps of resuscitation  

**(3+3+2+7=15)**
- 2) a) Define Nephrotic syndrome.  
b) Describe patho- physiology of Nephrotic Syndrome.  
c) Discuss the nursing management of child with Nephrotic Syndrome based on nursing process.  

**(2+6+7=15)**

**Part - B**

3. a) Write in detail the four aspects of development during infancy.  
b) Discuss the expected developmental milestones to be attained by a 2 years old toddler.  

**(5+5=10)**
4. a) Define tubercular meningitis (TBM) and Bacterial Meningitis.  
b) Describe the nursing management of child with TBM based on nursing process.  
c) Discuss the content of parental education while caring for a child with pulmonary tuberculosis  

**(2+4+4=10)**
5. a) Define Protein Energy malnutrition.  
a) Differentiate between marasmus and kwashiorkor.  
b) Explain the management of child with Kwashiorkor.  

**(2+2+6=10)**

6. a) Describe clinical features of cleft lip and cleft palate.  
 b) Explain the pre and post operative management of a child with cleft lip. (3+7=10)
7. a) Explain the causes of burns  
 b) Describe how will you estimate the following in a child who has 60% of burns.  
 i) Depth of Burn injury  
 ii) Burn area (4+6=10)
8. Define trachea-oesophageal fistula (TEF)  
 b) Describe its type of TEF with the help of a diagram  
 c) Pre-operative and post operative care of child care TEF. (3+3+4=10)

### Part – C

9. **Place a tick mark (✓) against the most appropriate answer given under each statement** (1/2×5=2 1/2)
- a) Non-bilious projectile vomiting is characteristic feature of:  
 i) Hirschprung's disease.  
 ii) Congenital hypertrophy pyloric stenosis  
 iii) Intussuception  
 iv) Anorectal malformation.
- b) Hypospadias is the most common congenital anomaly of the penis in which:  
 i. Urethral opening is situated on the dorsal portion of the urethra  
 ii. Water filled cyst is found in front of the testis  
 iii. Urethral opening is situated on the ventral side of the shaft of the penis  
 iv. Abnormal urinary stream and dribbling
- c) Whooping cough is highly contagious and present with following clinical feature:-  
 i. Koplik spots  
 ii. Formation of membrane and severe toxemia  
 iii. Lock jaw  
 iv. Severe cough at night, choking and vomiting makes the child red and tired
- d) Diabetes insipidus is  
 i. Failure of the body to conserve water  
 ii. Disorder of glucose intolerance caused by deficiency in insulin production and action.  
 iii. Autosomal - dominant disorder in which there is formation of abnormal insulin having decreased biological activity.  
 iv. Failure of body to Excrete water
- e) Galactosemia is characterized by:

- i) Presence of hepatic enzyme galactose –I phosphate
- ii) Absence of uridine transferase and galactose
- iii) Presence of galactose and uridine transferase
- iv) Absence of hepatic enzyme galactose-I phosphate, uridine transferase

**10) Fill in the blanks:** (1/2×5=2 1/2)

- a. Sudden cessation of breathing accompanied by cyanosis and bradycardia is called.....
- b. The number of deaths in a year under 28 days of age is called.....
- c. National Sample Survey (NSS) is one of the sources of .....
- d. White cheesy protective substance present on the skin and skin folds of the newborn is named as.....
- e. A disease of skin produced by burrowing action of parasite mite in the epidermis is .....

**11) Match the statement given in column ‘A’ with the term given in column ‘B’ (5×1/2=2 1/2)**

Column A	Column B
a. Fungal infection of the scalp and hair follicles	i) Ptosis
b. Treatment of neonatal herpes simplex viral infection	ii) Strabismus
c. Drooping of the upper eyelid	iii) Measles
d. Koplikspot and maculopapular rash	iv) Acyclovir
e. Varicella zoster virus	v) Tinea corporis
	vi) Griesofulvin
	vii) Tinea capitis
	viii) Chickenpox

**12) Write ‘T’ if you consider the statement as true and ‘F’ if the statement is false.**

- (1/2× 5= 2 1/2)
- a) The exact cause of Acute Rheumatic Fever is unknowns. (T/F)
  - b) Injury of fifth and sixth cervical spinal nerve indicates facial palsy. (T/F)
  - c) External cardiac massage is indicated if heart rate fails to rise above 80/minutes. (T/F)
  - d) After the caesarian section baby should be put on the breast immediately even if the mother is unconscious. (T/F)
  - e) Sucking reflex is developed after 24 hours in normal new borne. (T/F)

## Assignment – 1 (Block 1 & 2) Tutor Marked

Programme Code: B.Sc. N (PB)

Course Code: BNS 108

Assignment Code: BNS 108/TMA-1/2023

Maximum Marks–100

Last date of Submission: July 31<sup>st</sup>2023

### Note:

**This Assignment has three parts – Part A, B and C**

**Part A consist of two long answer questions. Each question carries 15 marks.**

**Part B consist of six short answer questions. Each question carries 10 marks.**

**Part C consist of four objective type questions. Each question carries 2 ½ marks.**

### Part A

- Q.1 Explain Principals of Psychiatric Nursing. Support your answer with examples (15)
- Q.2 (a) Explain mania depression Types of mania depression (7+8=15)
- (b) Discuss nursing management of patient mania and depression

### Part B

- Q.3 Describe history of Psychiatry including significant period via flow chart (10)
- Q.4 Explain Integration of Psychiatric Nursing in General Nursing Curriculum and its scope (10)
- Q.5 Discuss various Models of Normalcy and Abnormalcy (10)
- Q.6 (a) Explain characteristics of Mentally Healthy individual (5)
- (b) Discuss Misconceptions about Mental Illness. (5)
- Q.7 Discuss Nurses role in providing Psychotherapies to Schizophrenic patient. (10)
- Q.8 (a) Define Organic Brain Disorders (OBD) (1+4+5=10)
- (b) Explain causes of Delirium and Dementia
- (c) Nursing interventions of client with OBD.

### Part C

- Q.9 Place a tick mark (✓) against the most appropriate answer given under each statement. (1/2 X 5=2.5)
- a) SMCR model is application for
- i) Communications
  - ii) Principles
  - iii) Objections
  - iv) Evaluations

- b) All the following are therapeutic communication techniques except
- i) Observing
  - ii) Listening
  - iii) Focusing
  - iv) Patronizing

- c) One of the following characteristic feature of schizophrenic is:
- i) Delusion
  - ii) Stereo typed
  - iii) Hallucination
  - iv) Depersonalization

- d) Integrated approach is most suitable for preventing relapse in:
- i) Schizophrenia
  - ii) Anxiety
  - iii) Neurosis
  - iv) Substance use disorders

- e) A major factor in causing Korsakoff Syndrome occurs due to deficiency of:
- i) Vitamin A
  - ii) Vitamin D
  - iii) Thiamine
  - iv) Iron

Q.10 Fill in the blanks: (1/2 X 5=2.5)

- 1) Constructive drives, constitutes a basic energy of life called \_\_\_\_\_.
- 2) \_\_\_\_\_ mediates between the demand of the ID and relatives of external world.
- 3) Catalepsy and waxy flexibility are commonly seen in \_\_\_\_\_.
- 4) When words, phrase or sentences are repeated it is called \_\_\_\_\_.
- 5) Repetition of rhythmic words is called \_\_\_\_\_.

Q.11 Match the following: (1/2 X 5=2.5)

a) Libido	i) Sigmund Freud
b) Super Ego	ii) Touch with reality
c) Psycho- analytical Model	iii) anything pleasurable from eating to creativity.
d) Psychosis	iv) Inner control system to cope with uninhibited desires of the Id.
e) Dysthymia	v) Pull away from loved ones
	vi) Physical complaints but normal laboratory findings
	vii) A very mild mental illness.

Q. 12 Place a tick mark (✓) 'T' if you consider the statement as True and 'F' if you

**consider it as false.**

**(1/2 X 5=2.5)**

- 1) Mental illness once acquired is lifelong. (T/F)
- 2) According to medical model organic pathology is definite cause of mental disorders. (T/F)
- 3) Placing blame for own difficulties upon others is known as repression. (T/F)
- 4) Misinterpretation of sensory impressions is illusion. (T/F)
- 5) Objective of Social relationship is to help the patient to overcome the problem. (T/F)

## Assignment – 2 (Block 3 & 4) Tutor Marked

Programme Code: B.Sc. N (PB)

Course Code: BNS 108

Assignment Code: BNS 108/TMA-2/2023

Maximum Marks–100

Last date of Submission: 31<sup>st</sup> August, 2023

Note:

**This Assignment has three parts – Part A, B and C**

**Part A consist of two long answer questions. Each question carries 15 marks.**

**Part B consist of six short answer questions. Each question carries 10 marks.**

**Part C consist of four objective type questions. Each question carries 2 ½ marks.**

### Part A

- Q.1 a) Define Anxiety and explain development of Anxiety. (1+2+5+2+5=15)  
b) Discuss level of Anxiety and manifestation of Anxiety.  
c) Explain causes of Anxiety.  
d) Describe Nursing management of a patient suffering with Anxiety
- Q.2 a) Define Postpartum Psychosis (PPP) (2+6+7=15)  
b) Explain signs and symptoms of Postpartum Psychosis  
c) Describe medical management of Postpartum Psychiatric disorders.

### Part B

- Q.3 Describe Psychotic disorders of Children. (10)  
Q.4 Explain Body Image Distortions among Adolescence (10)  
Q.5 Discuss Nursing management of Postpartum psychiatric disorders (10)  
Q.6. a) Explain physical aspects of Aging (5+5=10)  
b) Discuss Nursing management of Elderly individual  
Q.7 a) Explain legal aspects of Psychiatric nursing. (5+5=10)  
b) Discuss Mental Health Care Act 2017  
Q.8 Explain role of Nurse in Legal Psychiatry (10)

### Part C

**Q.9 Place a tick mark (✓) against the most appropriate answer given under each statement.**

- (1/2 X 5=2.5)
- a) Age of onset / or conversion disorder is usually  
i) 10-15 years  
ii) 15-20 years  
iii) Late adulthood

- iv) Young Elderly
- b) All the following behavior therapy useful in treating OCD **except**:
  - i) Classical psycho analysis
  - ii) Systematic desensitization
  - iii) Flooding
  - iv) Thought stopping
- c) All the following drugs are effective in treatment of PTSD **except**:
  - i) Amitryptiline
  - ii) Imipramine
  - iii) Dilantine
  - iv) Benzodiazepine
- d) All the following are examples of Psycho somatic disorders **except**:
  - i) Asthma
  - ii) Irritable Bowel Syndrome
  - iii) Peptic Ulcer
  - iv) Stroke
- e) Products of cannabis includes:
  - i) Cigar, Bidis, Hukka
  - ii) Bhang, Ganja, Charas
  - iii) Hypnotics and Sedatives.
  - iv) Opium, Morphine, Heroin

**Q.10 Fill in the Blanks**

**(1/2 X 5=2.5)**

- 1) Client should learn how to control anxiety by doing \_\_\_\_\_.
- 2) Neurotransmitter influential in causing OCD is \_\_\_\_\_.
- 3) Eye Symptom of intoxication due to Narcotics and Opiates is \_\_\_\_\_.
- 4) Persistence of day and night wetting after the age of five years is \_\_\_\_\_.
- 5) One of the most widely used medications for treating bipolar disorder is \_\_\_\_\_.

**Q.11 Match the following:**

**(1/2 X 5=2.5)**

a) PTSD	i) Tab. Disulfiram
b) Anticonvulsant medication	ii) Substance use Rehabilitation.
c) Alcohol de addiction	iii) Night mares of the events are common.
d) Self Help Group	iv) Language is defective or absent due to injury of cerebral cortex
e) Aphasia	v) Carbamazepine
	vi) Muscular incoordination
	vii) Difficulty in Swallowing

**Q. 12 Place a tick mark (✓) 'T' if you consider the statement as True and 'F' if you consider it as false. (1/2 X 5=2.5)**

- a) Mild anxiety serves as a motivational force by making one alert physically and mentally. (T/F)
- b) Involuntary micturition is normal by the age of 3-5 years. (T/F)
- c) Insomnia and sleep walking are chronic disturbances of sleep patterns. (T/F)
- d) In Autism, puberty can be the turning point for either improvement or further deterioration. (T/F)
- e) Mental retardation is classified on the bases of growth and development. (T/F)