



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

Assignments 2023 1st Year

(Revised Courses BNS 201, 202, 203, 204 & 205)

*School of Health Sciences
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Dear Student,

This is with reference to assignments of revised courses for first year BSCNPB programme as explained in programme guide, there are nine 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 st July, 2023	BNS-201	1, 2	BNS-201 / TMA-1
	BNS-202	1, 2	BNS-202 / TMA-1
	BNS-203	1, 2	BNS-203 / TMA-1
	BNS-204	1, 2	BNS-204 / TMA-1
	BNS-205	1, 2	BNS-205 / TMA-1
31 st August, 2023	BNS-201	3, 4	BNS-201 / TMA-2
	BNS-202	3, 4, 5	BNS-202 / TMA-2
	BNS-204	3, 4	BNS-204 / TMA-2
	BNS-205	3, 4	BNS-205 / 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 _____	EnrollmentNo. _____
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.

NURSING FOUNDATION

Assignment -1 (Block 1 & 2) (Tutor Marked)

Programme Code: B.Sc. N (PB)

Course Code: BNS-201

Assignment Code: BNS-201/ TMA-1/2023

Maximum Marks - 100

Last date of submission: July 31, 2023

Note: This Assignment has three parts - Part A, B and C

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

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

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

Part-A

- 1) a) Discuss the criteria of Nursing as a profession.
b) Explain the characteristics of Nursing profession
c) Describe the expanded and extended role of Nurses **(5+5+10=20)**
- 2) a) Define nursing standards.
b) List purposes of developing nursing standards.
c) Describe various types of standards giving examples from nursing field. **(5+5+10=20)**

Part – B

- 3) Discuss Orem's Self Deficit theory in detail. Support your answer with example from the nursing setting. **(10)**
- 4) You have been assigned a defined community for providing need based comprehensive health care services. Explain the health indicators which would help you to assess the health status of the community before initiating the services to the given community. **(10)**
- 5) a) Define interpersonal relationship.
b) Discuss the difference between therapeutic and social relationship.
c) Explain the role of a nurse in improving the interpersonal relationship. **(2+5+3=10)**
- 6) a) Defines Quality assurance
b) Explain the need of quality assurance in nursing.
c) Discuss the need and purposes of standards in nursing. Explain process standard with the help of suitable example **(3+2½+2½+2=10)**
- 7) a) Explain the concept of holistic health with examples.

- b) Describe various traditional / alternative health systems. (4+6=10)

Part-C

- 8) Place a tick mark (✓) against the most appropriate answer given under each statement (½×5=2½)

- a) One of the following used for assessment of ill health of the community is:

- i) Infant and child mortality rates
- ii) Nutrition status indicators
- iii) Incidence and prevalence rates
- iv) Disease specific mortality rates

- b) Hospice institutions are meant for;

- i) Chronic patients
- ii) Acutely ill patients
- iii) Terminally ill patients
- iv) Long term patients

- c) Functional nursing refers to:

- i) Professional nursing
- ii) Completion of nursing routines
- iii) Concerned with specific nursing routines.
- iv) Patient entered care.

- d) The essential components of professional nursing care include all Except.

- i) Care
- ii) Cure
- iii) Coordination
- v) Control

- d) One of the following is a positive indicator of health;

- i) Expectation of life
- ii) Infant mortality rate
- iii) Crude death rate
- iv) Morbidity indicator

- 9) Match the items given in Column A with those given in Column B: (½×5=2½)

Column A

- a) Negligence performed in professional practice
- b) Pain relief and comfort measures for cancer patient
- c) Mentally ill patient goes on leave
- d) Intentional act that is harmful
- e) Concerns, choices around health care issues e.g. rights versus societal rights

Column B

- i) Parole
- ii) Battery
- iii) Spiritual Care
- iv) Malpractice
- v) Palliative Care individual
- vii) Patient leaving hospital without medical advice
- vii) Bioethic

- 10) Fill in the blanks (½×5=2½)

- a) Publication of false statement about individual which damages person's image is

- known as.....
- b) Standards which describe ideal nursing practice are known as.....standards
 - c) Painless death is also known as.....
 - d) Audit concerned with infrastructure, resources and health personnel is known as.....audit.
 - e) Systematic way of looking at the world in order to describe, predict and explain is known as.....

- 11) Place a (/) mark against 'T' if you consider the statement as True and 'F' if you consider the statement as False ($\frac{1}{2} \times 5 = 2\frac{1}{2}$)
- a) Outcomes are 'goals' written as behavioral objectives (T/F)
 - b) All the records of medico –legal cases should be handed over to police (T/F)
 - c) Problems oriented record focuses on problem of the client (T/F)
 - d) The ability to recognize and understand another person's feeling is called sympathy (T/F)
 - e) Professional organizations of nursing uphold the dignity and honor of nursing profession (T/F)

NURSING FOUNDATION

Assignment – 2 (Block 3, 4) Tutor Marked

Programme Code: B.Sc. N (PB)

Course Code: BNS 201

Assignment Code: BNS 201/ TMA-2/2023

Maximum Marks – 100

Last date of submission: August 31, 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) Define nursing process.
 - b) List the phases of nursing process? Select patient from your clinical field; collect the subjective and objective data, make nursing diagnosis, prioritize the needs, plan and implement the nursing care using nursing process approach. (2+3+10=15)

- 2)
 - a) Enlist the causes of maternal mortality and morbidity in India.
 - b) List the principles of care during maternity cycle..
 - c) Describe care of women during antenatal period.
 - d) Discuss role of nurse in maternal and child health clinic. (3+2+7+3=15)

Part-B

- 3) Describe the health education methods you will adopt to educate school children and people in resettlement areas. (10)

- 4) Describe the health care services provided at village, PHC, CHC and District level. Support your answer with example from your state. (10)

- 5) Discuss the role of a nurse in the following:-
 - a) Nutrition education.
 - b) Family planning.
 - c) Providing Safe drinking water and sanitation (3+3+4=10)

- 6) Discuss the causes of accidents. Explain your role as a community health nurse in management of accidents. (10)

- 7) a) Describe ways to promote effective use of drugs and avoid wastage.
 b) Explain the process of drug order, stocking, issuing and controlling. (4+6=10)
- 8) a) List the locally endemic disease in your community.
 b) Explain role of nurse in dealing with locally endemic disease with the help of examples. (3+7=10)

Part-C

- 9) Place a tick mark (/) against the most appropriate answer given under each statement. ($\frac{1}{2} \times 5 = 2\frac{1}{2}$)
- a) BCG vaccine is given as:
 i) 0.1 ml intradermal
 ii) 0.5 ml intradermal
 iii) 0.1 ml subcutaneous
 iv) 0.5 ml subcutaneous
- b) Vaccine is prepared from all of the following agents except:
 i) Toxoids
 ii) Antibiotics
 iii) Live, attenuated organisms
 iv) Killed organisms.
- c) B.C.G Vaccine protects against:
 i) Beri-Beri
 ii) Rubella
 iii) Tuberculosis
 iv) Whooping cough
- d) Normal weight gain in pregnancy is:
 i) 12-14 kg
 ii) 11-12 kg
 iii) 8-10 kg
 iv) 6-7 kg
- e) The dose of chloroquine for presumptive treatment of malaria is;
 i) 150 mg per week.
 ii) 300 mg per week.
 iii) 450 mg per week
 iv) 600 mg per week
- 10) Match the items given in Column A with those given in Column B: ($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

Column A

Column B

- | | |
|---|-----------------------|
| a) Primary health care provider to community | i) Ecological concept |
| b) Disease as a result of maladjustment of human standard and environment | ii) Empirical |

- | | |
|---|------------------------|
| c) Well being of a whole person in context to environment | iii) Nurse Clinician |
| d) Standard related to health institution, personnel etc | iv) Process standard |
| e) Activities concern with patient care, nursing action | v) Nurse Practitioner |
| | vi) Structure standard |
| | vii) Holistic Concept |

11) Fill in the blanks: (5×1/2=2 1/2)

- a) Issue which are forbidden on moral and religious grounds are known as _____
- b) A person can be encouraged to work hard or do more work by giving _____
- c) Precaution or methods used to prevent cross infection are known as _____.
- d) Substances as sodium chloride, sodium bicarbonate and potassium chloride dissolved in water are known as _____
- e) The number of deaths per 1000 population per year in given community is known as _____

12) Place a tick mark (✓) against 'T' if you consider the statement as true and 'F' if you consider the statement as false. (1/2×5=2 1/2)

- a) DPT vaccine is stored at 20C and 80C. (T/F)
- b) The usual prevalence of a given disease within an area is known as endemic. (T/F)
- c) Koplik's spots appear in goitre. (T/F)
- d) Haemoglobin below 8gm percent indicates anaemia. (T/F)
- e) Central Health Education Bureau was established in 1956. (T/F)

APPLIED SCIENCES
Assignment – 1 (Block 1 & 2) Tutor Marked
(BIOCHEMISTRY and BIOPHYSICS)

Programme Code : B.Sc.N. (PB)
Course Code : BNS 202
Assignment Code: BNS 202/ TMA-2/2023
Maximum Marks – 100
Last date of Submission: July 31, 2023

(Do Biochemistry and Bio Physics on separate Sheets)

Section A: BIOCHEMISTRY

(MAX. MARKS=50)

Note:

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

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

Part B consist of five short answer questions. Each question carries 5 marks.

Part C consist of two objective type questions. Each question carries 5 marks.

Part – A

1. a) Explain the metabolism of Carbohydrates in human body
- b) Describe the anomalies associated with carbohydrate metabolism **(10+5=15)**

Part – B

2. How are radioisotopes useful in the medical field? Briefly describe, giving specific examples. **(5)**
3. a) Explain the difference between osmosis and dialysis.
- b) How is dialysis useful in a clinical situation? **(2+3=5)**
4. Nucleic acids are central to the very life process itself. Explain their role in living organisms. **(5)**
5. How are peptides formed from amino acids? Mention the specific role of certain natural peptides. **(5)**
6. Enzymes in blood have diagnostic importance. Illustrate it with specific examples. **(5)**

Part – C

7. Fill in The Blanks **($\frac{1}{2}$ x10=5)**
 - a) Muscle fatigue during heavy exercise is caused by accumulation of
 - b) Dietary carbohydrates and gluconeogenesis are the main sources of

glucose in blood.

- c) The major constituent of gallstones is
- d) In pyogenic meningitis the level of decreases in CSF.
- e) Rennin is hydrolyzing enzyme.
- f) Insufficient acid secretion in stomach is called
- g) Insulin and hormones have opposing action on blood glucose levels.
- h) Use of anticoagulants is to be avoided while estimating levels in blood.
- i) Proteins with many polypeptide chains are called proteins.
- j) Deoxyribo nucleic acid (DNA) is stranded polynucleotide.

8. Match the items given in Column A with those given in Column B: (1/2x10=5)

Column A

Column B

- | | |
|----------------------------------|---|
| a) Ionization | i) Link different nucleotides in a nucleic acid |
| b) Interstitial fluid | ii) Contain red pigment haemoglobin |
| c) Ketone bodies | iii) Nephrotic Syndrome |
| d) Phosphodiester bonds | iv) Energy 'currency' of cell |
| e) Coenzyme A | v) Breakdown of RBCs to release their contents |
| f) Erythrocytes | vi) Fluid in between cells |
| g) Agglutination | vii) Transport of molecules/ions against concentration gradient |
| h) Protein in Urine | viii) Glycosuria |
| i) Adenosine Tri Phosphate (ATP) | ix) Clumping together of RBCs |
| j) Active transport | x) Formation of ions by dissociation of electrolytes |
| | xi) Derived lipid |
| | xii) Coenzyme form of pantothenic acid |
| | xiii) Fluid inside cells |

Section B: Biophysics

(Max. Marks=50)

Note:

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

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

Part B consist of five short answer questions. Each question carries 5 marks.

Part C consist of two objective type questions. Each question carries 5 marks.

Part – A

1. a. What is the power of accommodation and least distance of distinct vision?
b. Explain the image formation by the eye lens in a normal eye.
c. Describe the defect of vision and how are they corrected. Illustrate your answer with the help of a diagram.

(2+2+2+9=15)

Part – B

2. a. Explain the two types of errors present in measurement.
b. Illustrate them with example of measurements taken by nurses.
c. Describe he defects of vision and how are they corrected. Illustrate your answer with the help of a diagram.

(2+2+1=5)

3. a. Difference between density and relative density.
b. What is buoyant force?
c. Why underwater exercise suggested for the rehabilitation of muscles and joints?

(2+1+2=5)

4. a. How is heat lost from our body (explain diagrammatically)?
b. What does hypothalamus initiate if body temperature increased due to heavy exercise?

(4+1=5)

5. a. What is diathermy. In which condition is it effective?
b. Why is the (Operation Theater) OT uniform mostly cotton based?

(2+3=5)

6. a. Explain the factors on which the flow of fluid through an orifice depends.
b. Describe the relationship between high blood pressure and thickening or arteries.

(2+3=5)

Part – C

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

(1/2x10=5)

- i) An isotope which is artificially produced is generally unstable and is known as radioisotope.
- ii) Ergosterol is a cholesterol derivative present in the stomach which produces vitamin D

with the help of ultra violet light.

- iii) The three ossicles, the malleus, the incus and the stapes stretch across the middle ear from the eardrum to the membrane of the oval window.
- iv) A device that converts light energy to mechanical energy or vice versa is called a transducer.
- v) To convert temperatures on Celsius Scale to Fahrenheit scale or vice versa the formula used is $F + 32/100 = C/180$.
- vi) Random error arises due to factors like incorrect calibration of the instrument or consistently incorrect procedures adopted by a nurse.
- vii) A nurse walking with good rubber soled shoes in the ward, as the heel strikes the ground, the friction between the heel and the surface make the foot slip.
- viii) Patients in bed for a long time develop bed sores because the heavier portions press more firmly against the mattress than do the lighter portions and in turn receive a greater reaction force.
- ix) The foetus inside the amniotic fluid in the uterus is protected till its birth because of the pascal's law.
- x) The constriction in the bore of the tube immediately above the bulb helps the column of mercury to continue to show the maximum level even after use in a clinical thermometer.

8. Place (✓) against the most appropriate answer given under each statement (1/2x10=5)

- a. Force acting per unit surface area is called:
 - i. Pressure
 - ii. Work
 - iii. Energy
 - iv. Power

- b. While biting the human jaw acts as a lever of the:
 - i. 1st order
 - ii. 2nd order
 - iii. 3rd order
 - iv. None of these

- c. Several forces act on the fractured leg of a patient in traction. The combined effect of these forces into a single force is called as:
 - i. Magnetic force
 - ii. Gravitational force
 - iii. Resultant force
 - iv. Functional force

- d. On squeezing the bulb of the dropper the pressure created inside the dropper is:
- Less than atmospheric
 - More than atmospheric
 - Equal to the atmospheric
 - None of these
- e. The seat of the dentist's chair is placed over the larger piston and the smaller piston is operated by a foot pedal on the principle of:
- Charles law
 - Pascal's law
 - Boyle's law
 - Dalton's law
- f. Follicles of unwanted hair are destroyed by causing the cells of the follicle to disintegrate chemically by:
- Heating
 - Cooling
 - Electrolysis
 - Mechanically
- g. Rays absorbed by heavier materials like calcium and phosphorus and which can pass through the tissues of human body and not through bones are:
- Light rays
 - Sound waves
 - X-rays
 - Infra-red rays
- h. The physical quantity of the measurement 1.4 m correspond to:
- Length
 - Mass
 - Time
 - Pressure
- i. Volume of gas varies inversely with the pressure if the temperature is constant refers to the law stated as:
- Boyle's law
 - Pascal's law
 - Charles's law
 - Dalton's law\
- j. Electronic devices that consist of minute microphone that picks up sound waves and converts them into electric current which is amplified and passes to a miniature loud speaker that fits into the ear are called:
- Transistor radio
 - Hearing aid
 - Amplifier
 - Head phone

APPLIED SCIENCES

Assignment – 2 (Block 3, 4 & 5) Tutor Marked
(Microbiology and Nutrition and Dietetics)

Programme Code : B.Sc.N (PB)

Course Code : BNS 202

Assignment Code: BNS 202/ TMA-2/2023

Maximum Marks – 100

Last date of submission: August 31st, 2023

Do Microbiology, Nutrition and Dietetics on Separate Sheets.

Section A: Microbiology

(Max. Marks = 50)

Note:

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

Part A consist of two long answer questions. Each question carries 7.5 marks.

Part B consist of five short answer questions. Each question carries 5 marks.

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

Part-A

- 1) Define chemotherapy. What is their source of production? Give two examples of commonly used antibiotics in hospital. Differentiate between a bactericidal and bacteriostatic antibiotic.

(1+1½+1½+1½+2=7½)

- 2) Draw a labeled diagram of a typical bacterial cell showing its various organelles. State the function of each of them. How do bacteria reproduce in nature?

(3+2½+2=7½)

Part-B

- 3) Name the causative agents of the following diseases. How are they transmitted from the patient to a healthy person?

(1×5=5)

- Acquired Immunodeficiency Syndrome (AIDS)
- Hydrophobia
- Chicken pox
- Dengue fever
- Measles

- 4) Give the general characters of mycobacterium. How do you stain them in the laboratory? Name four mycobacteria of medical importance and the diseases caused by them.

(2+1+2=5)

- 5) Define immunity. Differentiate between innate and acquired immunity. Enumerate the factors influencing the development of immunity in an individual.

(1+2½+1½=5)

- 6) How do fungi differ from bacteria? Write briefly about the characteristics of Candida albicans. Mention the various diseases caused by this fungus.

(1+2+2=5)

- 7) With the help of a diagram, describe the life cycle of Leishmania Donovanii. Mention how the diagnosis of Kala Azar (Visceral Leishmaniasis) is made. (3½+1½=5)

Part C

- 8) Place tick mark (✓) against the most appropriate answer given under each statement. (½x5=2½)

a) Vaccination to prevent small pox was introduced by;

- i) Louis Pasteur
- ii) Edward Jenner
- iii) Robert Koch
- iv) Antony Van Leeuwenhock

b) All of the following bacteria has cell wall except

- i) Mycoplasma
- ii) Mycobacterium
- iii) Meningococcus
- iv) Micrococcus

c) Chinese letter arrangement is characteristic of one of the following bacterium:

- i) Mycobacterium tuberculosis
- ii) Clostridium Tetani
- iii) Bacillus Anthracis
- iv) Corynebacterium Diphtheriae

d) 'Negri bodies' are found in the nerve cells infected with virus known as:

- i) CD, (Helper) T- lymphocyte
- ii) B-lymphocyte
- iii) CD, (suppressor) T- lymphocyte
- iv) Polymerph

- 9) Match the statements given in column A with the terms given in column B (½x5=2½)

Column A

- a) Tse tse fly
- b) Immunoglobulin E (IgE)
- c) Endospore (Bacterial spore)
- d) Plague
- e) Congenital infection

Column B

- i) Clostridium tetani
- ii) Borrelia
- iii) Leishmaniasis
- iv) Sleeping sickness
- v) Anaphylaxis
- vi) Yersinia pestis
- vii) Flagella
- viii) Rubella virus
- ix) Malaria 16

- 10) Fill in the blanks (½x5=2½)

- a. The ability of an organism to cause infection is called.....
- b. The causative agent of Whooping cough is
- c. Both yellow fever and Dengue fever are transmitted through the bites ofmosquito.

- d. Viruses responsible for causing common cold are.....
- e. A toxin that has been treated to destroy its toxic property without affecting its antigenicity is called

11) Place tick mark (✓) against 'T' if you consider the statement as true and 'F' if find the statement is false. (1/2x5=2 1/2)

- a) The T- lymphocyte matures in the bone marrow and spleen of an individual (T/F)
- b) Immunoglobulin G (IgG) has two gamma heavy chains and either 2 kappa or lambda light chains (T/F)
- c) Lipopolysaccharide (LPS) is an example of T-dependent antigen (T/F)
- d) Hepatitis A virus (HAV) is primarily transmitted through orofecal route (T/F)
- e) Human helminthic parasites include ne\amatodes, cestodes and trematodes (T/F)

Section B: Nutrition and Dietetics

(50 marks)

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 5 marks.

Part C consist of two objective type questions. Each question carries 5 marks.

Part – A

1. Name three diseases caused by dietary deficiency and three diseases caused due to excessive dietary intake, suggest measures for management of one disease disease from each category.

(3+3+4¹/₂+4¹/₂=15)

Part – B

2. Discuss advantages of dietary survey in detail. **(5)**
3. Why is fibre important in daily diet, list important sources of fibre. **(2¹/₂+2¹/₂=5)**
4. Define hypothyroidism. What diet is suitable for such a patient? **(2+3=5)**
5. What is the significance of food laws and standards in promotion of public health? Suggest ways for its effective implementation. **(2¹/₂+2¹/₂=5)**
6. What are the symptoms of hypoglycemia. Suggest the management of hypoglycemic patient. **(2¹/₂+2¹/₂=5)**

Part – C

7. Fill in the Blanks: **(¹/₂x10=5)**
 - a) Cereals and tuber are rich sources of
 - b) Microorganisms responsible for food contamination can be categorized as Virus, Bacteria and
 - c) Tape worm, hook worm etc. are known as infestations.
 - d) Adulteration of argemone seeds in mustard oil causes
 - e) Overactivity of thyroid gland is known as
 - f) Hypolipidemia implies decreased levels of in blood.
 - g) Cyclamates and B.V.O. are dangerous food
 - h) Isoleucin and lysine are important
 - i) Butter, ghee, vanaspati are rich sources of fats.

j) Fruits and vegetables are abundant sources of vitamins and

8. Match the items given in Column A with those given in Column B: (1/2x10=5)

Column A

- a) Low purine diet
- b) Tetany
- c) Hyperglycemia
- d) Underweight
- e) Phalloidine
- f) Nitrosamines
- g) PFA Act
- h) Pasteurization
- i) Aflatoxins
- j) Industrial Pollutant

Column B

- i) Low Carbohydrate Diet
- ii) Toxic mushroom
- iii) Cancer
- iv) Food Adulteration
- v) Milk
- vi) Gout
- vii) Calcium deficiency
- viii) High calorie diet
- ix) Mercury
- x) Aspergillus flavus
- xi) High calorie diet
- xii) Genetic Changes

Maternal Health Nursing
Assignment - 1 (Block 1 & 2)
Tutor Marked

Programme Code: B.Sc. N (PB)
Course Code: BNS-203
Assignment Code: BNS 203/ TMA-1/2023
Maximum Marks - 100
Last date of submission: July 31, 2023

Note: This Assignment has three parts - Part A, B and C
Part A consists of two long answer questions. Each question carries 15 marks.
Part B consists of six short answer questions. Each question carries 10 marks.
Part C consists of four objective type questions. Each question carries 2½ marks.

Part - A

- 1) a) Enumerate the signs and symptoms of pregnancy as per following.
 - i) Presumptive signs and symptoms
 - ii) Probable signs and symptoms
 - iii) Positive signs and symptoms
- b) Discuss different ways of diagnosing pregnancy.
- c) Explain how as a midwife you would examine the progress of pregnancy to detect any risk factors and provide need based care.

(5+5+5=15)
- 2) a) Explain obstetric emergencies.
- b) List common obstetric emergencies.
- c) Describe in detail any two obstetric emergencies under the following headings.
 - i) Causes
 - ii) Signs and symptoms
 - iii) Nursing management.

(2½+2½+10=15)

Part-B

- 3) a) Explain the factors influencing fertility
- b) Describe the role of a nurse in family welfare services.

(5+5=10)
- 4) a) Describe the physiology of lactation.
- b) Enumerate the factors responsible for maintenance of normal lactation. Support your answer with diagrams.

(5+5=10)
- 5) a) List the common medical problems of newborn.
- b) Discuss in detail the nursing management of hypothermia in newborn.

(3+7=10)

- 6) a) Discuss types of fibromyoma
 b) List its symptoms.
 c) Describe postoperative care in gynaecological surgery. **(2+3+5=10)**
- 7) a) Define puerperium **(1+3+6 = 10)**
 b) Discuss the physiological changes that take place during puerperium
 c) Explain the role of nurse in preventing complication during puerperium.
- 8) a) Discuss the reasons for Glycosuria in Pregnancy.
 b) Explain the risk assessment for Gestational Diabetes.
 c) Describe the Nursing Management including Prevention of Complications of Diabetes during Pregnancy and Labour. **(5+5=10)**

Part-C

- 9) Place a (✓) mark against the most appropriate answer under each statement. **($\frac{1}{2} \times 5 = 2\frac{1}{2}$)**
- a) Anti D immunoglobulin is administered to a postnatal mother in case of Rh incompatibility within a period of:
- i) 48 hours
 - ii) 72 hours
 - iii) 24 hours
 - iv) 12 hours
- b) The height of fundus of uterus at 32 weeks of pregnancy is at the :
- i) level of maternal umbilicus
 - ii) level reaching below subcostal arch.
 - iii) 2/3rd distance between umbilicus and ensiform cartilage
 - iv) 1 /3rd distance between umbilicus and ensiform cartilage
- c) The recommended amount of calcium during pregnancy is:
- i) 100-200 mg/day
 - ii) 200-300 mg/day
 - iii) 500-600 mg/day
 - iv) 1000-1200 mg/day
- d) Full dilatation of cervical Os during labour is:
- i) 6-8 cms
 - ii) 4-6 cms
 - iii) 9-10 cms
 - iv) 12 cms

- e) The neuromuscular harmony between the two poles or segments of uterus throughout labour is known as:
- i) Fundal dominance
 - ii) Polarity
 - iii) Retraction
 - iv) Frequency

10) Fill in the blanks:

($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

- a) The common renal problems which occur in pregnancy are and.....
- b) Pregnancy induced hypertension causes intrauterine growth retardation of the foetus due to.....
- c) Preterm labour is defined as the labour which starts beforecompleted weeks of gestation.
- d) The other name of rapid delivery is
- e) The fallopian tubes are also called asor

11) Match the statements given in Column A with the statement given in Column B:

($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

Column A	Column B
a) Graafian follicle	i) Front of skull from forehead to crown
b) Common method of placental separation	ii) Amniotic Fluid Embolism
c) Sinciput	iii) Mathews Duncan Method
d) Show	iv) Blood Stained mucoid discharge
e) Effacement	v) Secondary ovarian follicle
	vi) Schultze Method
	vii) Taking up of cervix

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

($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

- a) The turning of the head to undo the twist in the neck during internal rotation of head is restitution. (T/F)
- b) The Apgar score at 10 minutes gives an accurate prediction of survival. (T/F)
- c) The daily requirement of folic acid is about 0.5-1 gm during pregnancy. (T/F)
- d) Moulding is localized area of oedema on fetal skull on vertex presentation. (T/F)
- e) The umbilical sepsis is called omphalities. (T/F)

Communicative English
Assignment-I (Blocks 1&2) (Tutor Marked)

Programme Code: BSCN (PB)
Course Code: BNS-204
Assignment Code: BNS-204/TMA-1/2023
Maximum Marks: 100
Last date for Submission: July 31, 2023

All the questions are compulsory.

Read the following passage and answer the following questions:

During the past few centuries, with the increase in human population, biodiversity has come under tremendous pressure. Biological extinction, which led to the disappearance of one species in several hundred years, has now been replaced by an accelerated rate of extinction-one species every year. This is the result of the extensive habitat changes brought by mankind. If the same pace continues, an estimated one-fourth to one-third of species is likely to become extinct within the next few decades. Over all, roughly 1000 birds and mammals are now thought to be in jeopardy. Although endangered animals, e.g. tigers in Asia, cheetahs in Africa, whales in the Antarctic, whooping cranes in North America, etc., receive great public attention, plant extinctions are often more significant ecologically. According to Peter H. Raven, Director of the Missouri Botanical Garden, a disappearing plant can take with it ten to thirty dependent species such as insects, higher animals, and even other plants. The International Union for Conservation of Nature and Natural Resources (IUCN) finds about 10 per cent of the world's flowering plants to be dangerously rare or under threat.

These estimates of species at risk understate the true problem', for they deal only with known and higher life forms. It seems probable that many unnamed species are disappearing in scientifically uncharted tropical areas. In his book *The Sinking Ark*, Norman Myers surmises on the basis of exploitation that, right now, at least one species might be disappearing each day in tropical forests alone. Even outside the tropics, many small, obscure organisms such as worms, mites, beetles and herbs may be disappearing. without our knowledge. Besides, an examination of the survival prospects of all forms of plant and animal life- including obscure, ferns, shrubs, insects, mollusks, elephants and wolves - indicates that huge number of them have little future. Loss of such a multitude of species would constitute an irreversible alternation in the nature of the biosphere even before we understand its workings - an evolutionary Rubicon whose crossing Homo sapiens would do well.

- 1) A) 1) Why has the natural environment suddenly come under great pressure? Give example from the passage to show the pressure. (3)
- 2) If extinction continues at this place, what is the prediction for the present and the future? (3)
- 3) Name the different life forms that are affected by our indifference to our environment. (5)
- 4) What are Norman Myers comments about the tropical forest in his book "The Sinking Ark"? (3)
- 5) What will be the effect of the loss of various living things on earth, mean for mankind? (2)
- 6) Give your opinion and solution as to what we can do to save our environment. (4)

B) Match words in Column A with their meanings in Column B: (10)

Column A	Column B
a) Tremendous Pressure	i) A great number
b) Extinction	ii) Environment
c) Accelerated Rate	iii) In danger
d) Extensive	iv) Rare
e) Jeopardy	v) Increased speed
f) Endangered	vi) Widespread
g) Ecology	vii) Not clear
h) Obscure	viii) Great force
i) Multitude	ix) That which cannot be changed
j) Irreversible	x) Total death

2) Describe the Nursing Department organization of your hospital and draw flow chart.

Or

Describe the 1st, 2nd and 3rd trimester of pregnancy and draw flow chart. (15)

3) Discuss the facts on which a clinical case study is prepared. (10)

4) Write a paragraph in about 150 words on anyone of the following: (15)

a) Positive thinking helps in recovery

or

b) Night duty experiences

or

c) Alternative health care systems

5) Write a resignation letter to your organization.

or

Write a letter of acceptance for a new job offer. (15)

6) a) Use the right form of verbs to fill in the blanks: (5)

i) The children happy to go swimming.

ii) He his work, much before the scheduled time.

iii) Where you go last night?

iv) Whatever happens, work on as usual.

v) You have to your assignments to get the degree.

b) Use proper suffixes to form the opposites: (3)

i) Happy

ii) Bailable

iii) Capable

- c) Make questions for the following answers: (2)
- i) Do not wait for me, I will be coming late.
 - ii) I can do this for you.
- d) Fill in the blanks with question tags: (2)
- i) We can pay by card..... ?
 - ii) She likes chocolates ?
- e) Fill in the blanks with some, none, any: (3)
- i)of these books are interesting.
 - ii)of them offered to help me.
 - iii) Have you reason to complain against them?

Communicative English
Assignment-2 (Blocks 3 & 4) (Tutor Marked)

Programme Code: BSCN (PB)

Course Code: BNS-204

Assignment Code: BNS-204/TMA-2/2023

Maximum Marks: 100

Last date for Submission: August 31, 2023

All the questions are compulsory.

- 1) Make notes of the following passage, using devices like headings, sub-headings, numbering, shortened devices, whichever you think is appropriate. **(15)**

They have changed life for most of us. In a span of less than fifty year's time, they have influenced practically every field of activity. And they have done it neither with a bang nor with a whimper, but efficiently and silently. Not a shot has been fired, not a drop of blood has been shed, but a revolution has all the same been accomplished by the ubiquitous computer. The computer has removed the tediousness of many a job. Robots controlled by computers carry out routine jobs in industry. The economist is able to make graphs and tables at the press of a button.

In the medical field too, doctors use computers to help diagnose diseases. Artificial intelligence system enables computers programmed with vast amount of data to 'think' about numerous possibilities and make a diagnosis.

The personal computer-a desktop or handheld affair-has actually invaded the home now and taken over the tasks of writing and keeping household accounts. Networks can now be established enabling people to exchange news, financial and travel information and other data.

Computers have made their presence felt most in the field of communication. Today the entire world is interlinked through satellite. On a smaller scale, computer networks allow people to communicate by using electronic mailing in a matter of minutes over long distances.

The most complicated machines in history, computers are arguably the most useful as well. Even art has not escaped the computer's attention. Who could have conceived of Jurassic Park if computers had not been there? Computers are increasingly indeed indispensable in the home, school and work place even in a developing country like India. And they make no noise about it.

- 2) Make a summary of the given passage **(10)**

One cannot choose everything in life. Nowhere is this more applicable than when it comes to the kind of neighbours one ends up with. It is simply a matter in the hands of God. If one is lucky enough, one may be blessed with neighbours who are ready to help and share problems and can be depended upon in times of need. On the other hand, some of us have to put up with a bunch of troublemakers-neighbours who have nothing better to do than to be too interested in what is going on at the house next door and who are always eager to create an unpleasant scene or commotion. The truth is, one cannot really isolate oneself completely from the people around. The tie between man and society is not only age-old but essential

for the survival of man. For an individual, the mere fact of the existence of the society is a strong reason for feeling secure. As our neighbours are the people dwelling closest to us, we cannot naturally avoid communicating and socializing with them. Constant interaction among neighbours is all the more inevitable nowadays as a result of the large number of flats mushrooming in suburbs, towns and cities. The flat system has brought people closer to each other especially as they are required to share public facilities like the car parking space, the elevators and the garbage disposal arrangement. In such cases, people cannot help but bump into each other while going to and fro.

Moreover who else can we depend upon when suddenly confronted with problems and requiring help especially in case of an emergency? Only our neighbours can respond quickly and save the situation. For instance, if a burglar were to suddenly attack your house, would you not cry out for help hoping that your neighbours would hear you and come to your rescue? And, if possible, would windows or loitering by their front doors with a hungry gleam in their eyes, keeping a lookout for everything that might be happening next door. Such people are a great nuisance, for everyone has a right to privacy. Gossiping among neighbours about each other and mainly those who are not ready to join them in their chats is another irritating problem. Half-truths and total lies are exchanged and rumors thrown around - all these just because of their curiosity and craving for excitement. Sometimes neighbours can totally refuse to cooperate and break the unity of the neighborhood. In extreme cases, neighbours, for what would seem a trivial mistake, get ready to shake their fists and create an uproar.

Often misunderstanding cause neighbours to view each other as sworn enemies. In this fast-paced life we lead today, there is not much time available for leisure. Most of the time one is involved in some kind of work or the other. People who are loaded with work from morning to evening cannot be expected to pay social calls or frequently visit their neighbours for friendly chats. This is generally mistaken as a sign of total disrespect for social norms and obligations. Neighbours need to understand that it is not necessary to pour attention over each other in order to be good neighbours.

One cannot do away with one's neighbours however bad they may be. At the same time, one cannot live without trustworthy neighbours who would be concerned enough to help in times of distress. Each one of us must ensure that we act as good neighbours. It would be good to remember that we should do unto our neighbours just as we would expect them to do unto us.

3) Study this chart and make notes from it. (15)

Characteristics	Moon	Earth	Sun
Size	Not very big	Bigger (50 moons could be squeezed into earth)	Biggest (400 moons placed side by side)
Weight	Not very heavy	81 times heavier	.27 million times
Distance	Quite close to earth- 384,000 km away	—	—
Description	Earth's satellite	Planet	—

- 4) What are study skills? Explain? **(10)**
- 5) What is the structured manner to write down the medical history of a patient. **(10)**
- 6) List the factors that are necessary for good communication in the nursing profession. **(10)**
- 7) A child is very serious. You as a nurse have a conversation with the child's mother, write how would you help her to cope with the situation. **(15)**
- 8) Write a telephonic conversation between two friends. One friend has just returned from a trip abroad. The friend describes the best things she like about the place- the tourist spots, the food, the people, shopping etc. Write this conversation in about 250-300 words. **(15)**

Behavioural Sciences
Assignment-1 (Blocks 1&2)
(Tutor Marked) (Sociology)

Programme Code: B.Sc. N (PB)
Course Code: BNS-205
Assignment Code: BNS-205/TMA-1/2023
Maximum Marks: 100
Last date for Submission: July 31,2023

Note:

This Assignment has three parts - Part A,B and C.

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

Part B consists of six short answer questions. Each question carries 5 marks.

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

Part A

- 1) a) Discuss the elements of Socialization.
b) Describe the types of Social Structure as studied by you. **(5+10=15)**
- 2) a) Describe the utilization and accessibility of Health Care Services after Independence in our country.
b) Discuss the Perception of Nurse about utilization of Health Services in current health scenario. **(8+4+3=15)**

Part B

- 3) Explain the Sociological Approach to understand the Human Society. **(10)**
- 4) a) Explain the stresses faced by most women.
b) Discuss role of family in Maintaining Nutritional Status. **(5+5=10)**
- 5) Describe Community Participation in Health care with suitable examples. **(10)**
- 6) List the Health for All Indicators of Social Development. Enumerate the uses of these Indicators. **(5+5=10)**
- 7) a) Discuss parameters of Social Change in developing Countries.
b) Enlist the reasons for occurrence of Social Change. **(5+5=10)**
- 8) a) Describe Village.
b) Discuss the Characteristics of Indian Villages.
c) Discuss the Social interaction among various groups in a Village. **(1+5+4=10)**

Part C

- 9) Place a tick mark (✓) against the most appropriate answer in the following statements:

(½×=2½)

1. The study of making choices for allocation of resources is called:

- i) Sociology
 - ii) Anthropology
 - iii) Economics
 - iv) History
2. The study of medical anthropology includes which of the following:
- i) Public Health Problems
 - ii) Medical Institutions
 - iii) Health Sociology
 - iv) Human interaction
3. Ethno medicine is also called as:
- i) Medical Anthropology
 - ii) Health Sociology
 - iii) Popular Medicine
 - iv) Professional Health Culture
4. All of the following are essential elements of State except:
- i) Population
 - ii) Defined Territory
 - iii) Sovereignty
 - iv) Family
5. The common characteristics of Indian villages are all except:
- i) Social Mobility
 - ii) Jajmani System
 - iii) Simple Living
 - iv) Homogeneity

10) Fill in the blanks:

($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

- 1. A number of individuals having relationship form a
- 2. Group. socialization is most crucial stage of socialization for a child.
- 3. White collar workers and professionals fall in class.
- 4. Industrialization gave way to system of production.
- 5. The model is of utmost importance for a correctional facility

11) Match the items given in Column A with those given in Column B:

($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

Column A

Column B

- | | |
|-------------------------|--|
| 1) TRYSEM | i) Supporting activities for Primary Health Care |
| 2) SUPPORT | ii) Conscious Raising |
| 3) Conscientisation | iii) Monolithic structure of Health Care system |
| 4) Developing Countries | iv) Feature of family |
| 5) University | v) Based on economic status |
| | vi) Scheme to train youth |

12) Place a (✓) against “T” if you consider the statement as true and “f” if you consider the statement as false: ($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

1. Reconstituted families have a family pattern which does not fit into societies norms. (T/F)
2. Endogamy is stable feature of caste system. (T/F)
3. Urban slum population is heterogeneous ‘floating’ migratory group. (T/F)
4. Illness is objective evaluation by an individual that something is wrong with him. (T/F)
5. Asbestos roofing in slums causes Tuberculosis. (T/F)

BEHAVIOURAL SCIENCES
Assignment-2 (Blocks 3 & 4) (Tutor Marked)
(General Psychology and Educational Psychology)

Programme Code: B.Sc. N. (PB)
Course Code: BNS-205
Assignment Code: BNS-205/TMA-2/2023
Max. Marks: 100
Last date for Submission: August 31, 2023

(Do General Psychology and Educational Psychology on separate sheets.)

Part A: General Psychology
Note:

Max. Marks: 50

This Assignment has three parts—Part A, Band C.

Part A consists of one long answer question and it carries 15 marks.

Part B consists of five short answer questions. Each question carries 5 marks.

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

Part A

- 1) a) Describe the Coorelational Method of Psychology.
- b) Discuss the Importance of Psychology in Nursing.

(3+12=15)

Part B

- 2) Explain the Cognitive Theory of Human Development. **(5)**
- 3) Discuss the importance of Motivation in Nursing Students with suitable examples. **(5)**
- 4) a) Enlist the sources of Frustration.
- b) Enumerate the reaction to Frustration. **(2+3=5)**
- 5) Describe the domains of development with example. **(5)**
- 6) Describe the common sensory disorders. **(5)**

Part C

- 7) Place a tick mark (√) against the most appropriate answer given under each statement. **(½×5=2 ½)**
 1. Applied side of Psychology makes it :
 - i) An art
 - ii) A science
 - iii) A study
 - iv) None of the above

2. Growth involves all except:
 - i) Increase in number of cells
 - ii) Change of Size
 - iii) Metabolic Processes from within
 - iv) Sexual Maturity

3. Traditional counseling behavior strategy for Stress Management is :
 - i) Behavioral assistance
 - ii) Guidance
 - iii) Intimate Interaction
 - iv) Breathing exercises

4. One of the following is not the use of Clinical method of Psychology:-
 - i) Personal problems
 - ii) Maladjustments
 - iii) Fears
 - iv) Aptitude

5. The technique which detects psychosomatic disorder is:
 - i) Schedule of recent experiences
 - ii) 16 pf
 - iii) Rorschach test
 - iv) Mental Status examination

8) Fill in the blanks: ($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

1. The generalization must be to be translated into qualitative terms.
2. A..... view of human nature is considered in Humanistic theory .
3. The adolescence is also an age of crisis.
4. Power motivation can be measured by..... techniques

9) Match the items given in Column A with those given in Column B: ($\frac{1}{2} \times 5 = 2\frac{1}{2}$)

Column A	Column B
1. "O" variable stands for	i) Middle age slump
2. Lose of Youth	ii) Seen in Cinemas
3. Trying to respond to a Disaster	iii) Learning Theories of Personality
4. Stroboscopic Motion	iv) Automatic Action
5. Man is a creature of habit or response tendencies	v) Cognitive theories of Personality vi) Organism

- 10) Place a tick mark (✓) against “T” if you consider the statement as true and “F” if you consider the statement as false. (1/2 × 5 = 2 1/2)
1. Growth levels off as humans reach sexual maturity. (T/F)
 2. Power motivation helps to improve interaction with other. (T/F)
 3. Piaget believed that ‘child is the father of man’. (T/F)
 4. Thalamus relays and translates incoming messages from sense receptors of cells. (T/F)
 5. Inaccurate Perception occurs when our receptors are not stimulated adequately. (T/F)

Section B: Educational Psychology

Maximum Marks: 50

Note:

This Assignment has three parts - Part A, Band C.

Part A consists of one long answer question and it carries 15 marks.

Part B consists of five short answer questions. Each question carries 5 marks.

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

Part-A

- 1) a) Define Educational Psychology.
- b) Enlist the methods of Educational Psychology.
- c) Discuss any two methods of Educational Psychology in detail. (2+4+9=15)

Part-B

- 2) Discuss how reinforcement shapes the behavior with examples from clinical field. (5)
- 3) Describe the measurement of Individual Differences. (5)
- 4) a) Explain the assessment of intelligence.
- b) List the applications of intelligence. (3+2=5)
- 5) Explain the significance of learning in nursing with suitable examples. (5)
- 6) Discuss the causes of Forgetting in detail. (5)

Part-C

- 7) Place a tick mark (✓) against the most appropriate answer given under each statement. (½×5=2 ½)
 1. Tip of Tongue phenomena is characteristic of:
 - i) Short term memory
 - ii) Long term memory
 - iii) Semantic memory
 - iv) Episodic memory
 2. Intelligence includes all except:
 - i) Act Purposefully
 - ii) Think Rationally
 - iii) Deal Effectively
 - iv) Develop Skills
 3. One of the following is used to solve puzzles and riddles:
 - i) Insight
 - ii) Sign
 - iii) Socialization
 - iv) Maturity

4. While classifying personality or sexual differences, which type of distribution appears:
- Normal
 - Bimodal
 - Multimodal
 - Symmetrical
5. Modification of Behavior is basic aim of :
- Education
 - Sports
 - Society
 - Memory

8) Match the items given in Column A with those given in column B. ($\frac{1}{2} \times 5 = 2 \frac{1}{2}$)

Column A

Column B

- | | |
|------------------------------------|---|
| 1. Drawback of Self Report Methods | i) Development of Attitude by consistency |
| 2. Balance Theory of Attitude | ii) Elaborative rehearsal |
| 3. Making Notes | iii) Mental Retardation in Boys |
| 4. Fragile X syndrome | iv) Remedial Education |
| 5. Reducing failures | v) Compensatory Reduction |
| | vi) Lack of social conformity |

9) Fill in the blanks: ($\frac{1}{2} \times 5 = 2 \frac{1}{2}$)

- Ability of a test to measure what it proposes to measure is known as
- A change in the way information is processed as a result of experience that a person has had in called.....
- If the chronological age of a child is eight years and his mental age is six years, his I.Q. will be
- Ability to profit certain type of training and to do the work required in a particular situation is called.....
- Learning with one hand facilitates learning with the other hand, it is called.....

10) Place a tick mark (\surd) against "T" if you consider the statement as true and "F" if you consider the statement as false. ($\frac{1}{2} \times 5 = 2 \frac{1}{2}$)

- Intelligence is a major unitary concept causing a person to act purposefully. (T/F)
- Short pauses while learning help to test memory. (T/F)
- Single gene defects account for 15% of moderate to profound Mental Retardation. (T/F)
- Lack of proper teaching methods causes misinformation in the classroom. (T/F)
- Large individual differences exist in tasks of simple recognition. (T/F)