



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

Assignments 2026 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
31st August, 2026	BNS-201	1, 2	BNS-101 / TMA-1
	BNS-202	1, 2	BNS-102 / TMA-1
	BNS-203	1, 2	BNS-103 / TMA-1
	BNS-204	1, 2	BNS-104 / TMA-1
	BNS-205	1, 2	BNS-105 / TMA-1
September 30th, 2026	BNS-201	3, 4	BNS-101 / TMA-2
	BNS-202	3, 4, 5	BNS-102 / TMA-2
	BNS-204	3, 4	BNS-104 / TMA-2
	BNS-205	3, 4	BNS-105 / 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.

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

Programme Code: B.Sc. N. (PB)
Course Code: BNS – 202
Assignment Code: BNS 202/TMA-2/2026
Maximum Marks: 100
Last date of Submission: September 30th, 2026

Note: Section A(**Microbiology**) and B (**Nutrition and Dietetics**) are to be attempted on separate answer sheets.

Section A Microbiology

Maximum Marks: 50

- 1) a) Draw a labeled schematic diagram of a typical bacterial cell showing its various organelles.
b) Explain how would you differentiate bacteria from fungi.
c) Explain how would you grow bacteria in the laboratory.
d) Enumerate various factors influencing the growth of bacteria (2+1+2+2½=7½)
- 2) a) Define the term sterilization and disinfection.
b) Explain its usefulness in medical/nursing practice.
c) Enumerate various methods of sterilization using moist heat as a sterilizing agent.
d) Give the principle and applications of an autoclave. (2+1½+2½+1½=7½)
3. Name the causative agents of the following diseases. Describe how they are transmitted from the patient to a healthy person? (5×3=15)
 - a) Syphilis
 - b) Diphtheria
 - c) Bacillary Dysentery
 - d) Viral Hepatitis
 - e) Dengue Fever
- 4) Name the scientist who devised Gram's stain? Give briefly its principle and procedure. Name three gram positive and three gram negative bacteria. (1½+3+1½=5)
- 5) Give the general characters of Chlamydia. Name the diseases caused by them and mention about their transmission from patient to a healthy person. (2+1½+1½=5)
- 6) Define an antigen and antibody. Enumerate different antigen-antibody reactions, giving one example of each type which is useful in laboratory diagnosis of microbial diseases. (1+1+1½+1½=5)
- 7) Define antibiotics? Explain their source of production? Give two examples of commonly used antibiotics in hospital. Differentiate between a bactericidal and a bacteriostatic antibiotic. (1+1+1+2=5)

Section B: Nutrition and Dietetics**Maximum Marks: 50**

1. Name various diseases caused by dietary deficiency and excess dietary intake, Suggest measures for management of all these diseases (3+3+4½+4½=15)
2. Discuss advantages of dietary survey . (5)
3. Why is fibre important in daily diet, list important sources of fibre. (2½+2½=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. (2½+2½=5)
6. What are the symptoms of hypoglycemia? Describe the management of hypoglycemic patient. (2½+2½=5)
7. (a) Discuss the hazards of food contamination
(b) Explain measures which can be taken to promote food safety. (2+3=5)
8. Describe the special dietary needs related to childhood problems. (5)