



Second BASIC B.Sc. (Nursing) (O.D) Examination,
Winter - 2022
SOCIOLOGY

Total Duration : 3 Hours

Total Marks : 75

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

SECTION "A" (40 Marks)

1. Short answer question (**any five** out of six) : [5 × 5 = 25]

- a) Application of sociology in nursing.
- b) Indian Village Panchayat system.
- c) Impact of Population Explosion.
- d) Child Labour.
- e) Laws and Legislation related to Marriage in India.
- f) Rights of the Children.

2. Long answer question (any one out of two) :

62607
[1 × 15 = 15]

- a) Define Social Change. What are the factors which influence social change. Explain role of nurse as a change agents.
- b) Define family and its characteristics. Discuss the changes in Family types with suitable example.

SECTION "B" (35 Marks)

3. Short answer question (any four out of five) :

[4 × 5 = 20]

- a) Social Organisations.
- b) Social welfare programmes in India.
- c) Process of Socialization.
- d) Transcultural society.
- e) Advantages of Women Education and Empowerment.

4. Long answer question (any one out of two) :

[1 × 15 = 15]

- a) Enlist Major Health problems in rural areas. Availability of health facilities in rural and its impact on health and illness.
- b) Explain the influence of caste, class and race on health and health practices.



62602

[1 × 15 = 15]

2. Long answer question (any one out of two) :

- a) Mr. Nath 60 yrs. old male is admitted to CCU. He has been diagnosed as a case of congestive cardiac failure.
- Explain the clinical manifestation of congestive cardiac failure.
 - List down nursing diagnosis.
 - Write nursing care plan for Mr. Nath on the basis of priority problems.
- b) Describe the types of diabetes mellitus. Explain the pathophysiology of diabetes mellitus. Prepare a health teaching plan on diabetic diet & diabetic foot care.

SECTION "B" (35 Marks)

3. Short answer question (any four out of five) :

[4 × 5 = 20]

- Non-pharmacological measures for management of pain.
- Nurses responsibility in colostomy care.
- Rehabilitation of patient with knee amputation.
- Care of patient undergoing bone marrow aspiration.
- Care of patient with skeletal traction.

4. Long answer question (any one out of two) :

[1 × 15 = 15]

- a) Explain the clinical manifestation of pulmonary tuberculosis. Write down the drug regimen & explain the health education for pulmonary tuberculosis.
- b) Mr. Ram is admitted with chronic renal failure. Explain the stages of CRF with clinical manifestation. List down nursing diagnosis & develop nursing care plan for any two priority problem.



[Total No. of Pages : 2



62603

Second Basic B.Sc Nursing (Old) Examination, Winter - 2022
PHARMACOLOGY, PATHOLOGY & GENETICS

Total Duration : 3 Hours

Total Marks : 75

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 - 3) **All** questions are **compulsory**.
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 - 7) Use a common answer book for all sections.

SECTION "A" (40 Marks)

(Pharmacology)

- I. Short answer question (any five out of six) : [5 × 5 = 25]
- a) Define bioavailability of a drug. Write four factors affecting it.
 - b) Explain competitive and non competitive antagonism with example.
 - c) Explain therapeutic basis of combining levodopa and carbidopa in parkinsonism.
 - d) Write five therapeutic uses and five adverse effects of beta blockers.
 - e) Classify insulins based on their duration of action. Write adverse effects of insulin therapy.
 - f) Name prokinetic drugs. Write mechanism of action and therapeutic uses of metoclopramide.

2. Long answer question (any one out of two) :
- Classify antiepileptic drugs. Write mechanism of action, uses and adverse effect of phenytoin sodium. Write nursing considerations in patients receiving phenytoin therapy.
 - Classify drugs used in management of hypertension. Write mechanism of action, uses and adverse effects of angiotension converting enzyme inhibitors (ACE inhibitors).

SECTION "B" (29 Marks)

(Pathology)

3. Short answer question (any four out of five) : [4 × 5 = 20]
- Define metaplasia. Describe its type with examples.
 - Differentiate between transudate and exudate.
 - Examination of bone marrow.
 - Wound healing by primary intention.
 - Describe the etiopathogenesis, gross and microscopic features of infective endocarditis.
4. Long answer question (any one out of two) : [1 × 9 = 9]
- Define neoplasia and differentiate between benign and malignant tumours.
 - Define Cirrhosis of liver. Classify, enlist the clinical features and discuss the complications of cirrhosis of liver.

SECTION "C" (6 Marks)

(Genetics)

5. Short answer question (any two out of three) : [2 × 3 = 6]
- Karyotyping & its steps/Procedure.
 - Triple/Quadruple screen.
 - Infertility & responsible factor of infertility.





Second BASIC B.Sc (Nursing) (Old) Examination, Winter - 2022
COMMUNITY HEALTH NURSING - I

Total Duration : 3 Hours

Total Marks : 75

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 - 7) Use a common answer book for all sections.

SECTION "A" (40 Marks)

1. Short answer questions (any five out of six) : [5 × 5 = 25]
- a) Dimensions of health.
 - b) Methods of solid waste disposal.
 - c) Causes and prevention of Viral Hepatitis.
 - d) Objectives of secondary levels of prevention and it's interventions.
 - e) Sources of water pollution and it's effects on human health.
 - f) Roles and functions community health nurse.

2. Long answer questions (any one out of two) :
- List the Vaccine preventable diseases. Describe the Immunization schedule & role of Community Health Nurse in Immunization clinic.
 - Define Air pollutants & Air pollution. Explain the sources of Air pollution & its effects on human health.

SECTION "B" (35 Marks)

3. Short answer questions (any four out of five) :

[4 × 5 = 20]

- Epidemiological triad.
- Describe the Demographic cycle.
- Advantages of planned small family.
- Prevention of AIDS/ HIV.
- Explain food adulteration with example.

4. Long answer questions (any one out of two) :

[1 × 15 = 15]

- Define Sewage. Explain the aims of Sewage purification and describe the modern Sewage treatment plant with diagram.
- Define epidemiology and uses of epidemiology. Discuss the role of Community health Nurse in prevention of scabies among children.





**Second BASIC B.Sc. (Nursing) (OLD) Examination, Winter - 2022
COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

Total Duration : 3 Hours

Total Marks : 75

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SECTION "A" (40 Marks)

1. Short answer question (**any five out of six**) : [5 × 5 = 25]
- a) Maxims of teaching.
 - b) Interpersonal relationship.
 - c) Classroom management.
 - d) Group Dynamics.
 - e) Uses of Audio Visual aids in Nursing.
 - f) Counselling Process.

2. Long answer question (any one out of two) :

- a) Define Mass media. Write the advantages and disadvantages of mass media. Mention the different methods and media which can be used in delivery of health education.
- b) Define education. Characteristics of learning. Explain the Domains of Objectives with example.

SECTION "B" (35 Marks)

3. Short answer question (any four out of five) :

[4 × 5 = 20]

- a) Computer assisted teaching.
- b) Qualitative evaluation techniques.
- c) Therapeutic communication.
- d) Objective Structured Clinical Examination (OSCE).
- e) Johari window.

4. Long answer question (any one out of two) :

[1 × 15 = 15]

- a) Define Human relation. Explain the stages of group development. Discuss the strategies to be followed for building up a successful team.
- b) Enumerate the methods of teaching in classroom. Discuss in detail about any one method of teaching.

