

**Second Basic B.Sc. Nursing Examination, Summer - 2021**  
**SOCIOLOGY**

Total Duration : 3 Hours

Total Marks : 75

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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  - 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 answerbook for all Sections.

**SECTION - "A" (40 Marks)**

1. Short answer question (**any five** out of six) : [5 × 5 = 25]
  - a) Nature of Society.
  - b) Demerits of dowry system. 3
  - c) Process of Socialization. 4
  - d) Functions of family. 4
  - e) Importance of study of sociology in Nursing. 3
  - f) Characteristics of Primary group. 3
  
2. Long answer question (**any one** out of two) : [1 × 15 = 15]
  - a)
    - i) Define Polygamy. [3]
    - ii) Write causes of Polygamy. [6]
    - iii) Explain dis-advantage of Polygamy. [6]
  - b)
    - i) Define Social change. 3 [3]
    - ii) Write factors of Social change. 4 [6]
    - iii) Explain Role of the Nurse in social Change. 3 [6]



**Second Basic B.Sc. Nursing Examination, Summer - 2021**  
**MEDICAL SURGICAL NURSING - I**

Total Duration : 3 Hours

Total Marks : 75

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

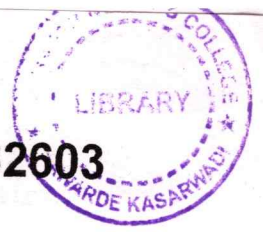
**SECTION - "A" (40 Marks)**

1. Short answer question (**any five** out of six) : **[5 × 5 = 25]**
- a) Care of patient with traction.
  - b) Stress adaptation.
  - c) Management of patient with fever.
  - d) Systemic Lupus Erythematosus (SLE)
  - e) Hemodialysis.
  - f) Stages of wound healing.



[Total No. of Pages : 3

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**Second Basic B.Sc. Nursing Examination, Summer - 2021**  
**PHARMACOLOGY, PATHOLOGY & GENETICS**

Total Duration : 3 Hours

Total Marks : 75

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

**SECTION - "A" (40 Marks)**  
**Pharmacology**

1. Short answer question (any five out of six) : [5 × 5 = 25]
- a) What are the various routes of administration of drugs? What are the advantages and disadvantages of intravenous route.
  - b) Mention various drugs used for treatment of tuberculosis. Discuss the uses and adverse effects of Rifampicin.
  - c) Classify benzodiazepines. Mention therapeutic uses of Diazepam.

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- d) Classify drugs used for treatment of Acid Peptic diseases. Mention therapeutic uses of Omeprazole.
- e) Mention the life saving uses of atropine. Discuss the role of atropine substitute glycopyrrolate in pre-anesthetic medication.
- f) Classify various drugs used for treatment of diabetes Mellitus. Mention important nursing precautions to be taken during insulin therapy.

2. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Classify various anti-hypertensive drugs. Discuss the therapeutic uses, adverse effects of Beta blockers.
- b) Classify NSAIDs (Non steroidal anti-inflammatory drugs). Mention therapeutic uses and adverse effects of NSAIDs. Write 4 differences between Opioid and Non-opioid analgesics.

**SECTION - "B" (29 Marks)**

**Pathology**

3. Short answer question (any four out of five) : [4 × 5 = 20]

- a) Define Metaplasia. Give four examples.
- b) Write a brief account of Benign prostatic hyperplasia.
- c) Define Chronic bronchitis and write in brief about its pathogenesis.
- d) Laboratory investigations in Myocardial infarction.
- e) Chemical mediators of inflammation.

4. Long answer question (any one out of two) : [1 × 9 = 9]

- a) Define Acute Inflammation. Discuss cellular events in acute inflammation.
- b) Classify Ovarian tumours. Mention the types of teratoma & briefly describe mature cystic teratoma of ovary.

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SECTION - "C" (06 Marks)

**Genetics**

5. Short answer question (**any two** out of three) :

[2 × 3 = 6]

- a) Mendelism.
- b) Kinefelter's syndrome.
- c) X-linked recessive inheritance.







**Second Basic B.Sc. Nursing Examination, Summer - 2021**  
**COMMUNITY HEALTH NURSING - I**

Total Duration : Section A+ B = 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 question (**any five** out of six) : **[5 × 5 = 25]**
- a) Discuss different types of health indicators.
  - b) Food Adulteration Act.
  - c) Sewage disposal.
  - d) Malnutrition.
  - e) Function of urban health centre.
  - f) Noise pollution.

2. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Define community health nursing. Discuss the promotion of health.  
List the roles of community health nurse in preventing and controlling communicable disease.
- b) List the various categories of health workers.  
Explain the function of PHC.  
Explain immunisation schedule.

SECTION - "B" (35 Marks)

3. Short answer question (any four out of five) : [4 × 5 = 20]

- a) Principles of Home visit.
- b) Consumer Protection Act.
- c) Measles.
- d) Immunization schedule. *zoonoses*
- e) Child abuse.

4. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Define Air pollution. Discuss different sources of air pollution. Describe the effects of air pollution on health.
- b) Write epidemiological triad.  
Explain cold chain.  
Describe different levels of prevention.





**Second BASIC B.Sc. Nursing Examination, Summer - 2021**

**COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

Total Duration : Section A+B = 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 question (**any five** out of six) : [5 × 5= 25]
  - a) Case Method.
  - b) Criteria for selection of assessment techniques and methods.
  - c) Barriers of interpersonal relationship.
  - d) Lesson planning.
  - e) Qualitative evaluation technique.
  - f) Microteaching.
  
2. Long answer question (**any one** out of two) : [1× 15= 15]
  - a) Define guidance and counselling. Enumerate the principles of guidance and counselling. Discuss the issues for counselling in nursing students and nursing personnel.



- b) Define philosophy. Explain the relationship between philosophy and education. Discuss pragmatism as an aim of education.

**SECTION "B" (35 Marks)**

3. Short answer question (**any four** out of five) [4 × 5 = 20]
- Elements of communication.
  - Approaches for health education.
  - Phases of process recording.
  - Merits and demerits of internal assessment in nursing education.
  - Importance of educational technology.
4. Long answer question (**any one** out of two): [1 × 15 = 15]
- Define group dynamics. Enumerate importance of team work. Discuss the role of a teacher in managing group dynamics in class.
  - Enumerate purposes of A.V. aids. Classify types of A.V. aids and explain in detail projected aids.





Second BASIC B.Sc. Nursing Examination, (Phase - III) Winter - 2021  
**SOCIOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION - A & SECTION - B**

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  - 7) **Use a common answerbook for all sections.**

**SECTION - A (40 Marks)**

1. Short answer question (any five out of six): [5 × 5 = 25]
- a) Describe the major components of culture.
  - b) Explain the main reasons of social disorganization.
  - c) Describe the main characteristics of Crowd.
  - d) Explain the details types of social system.
  - e) Enlist the causes of population explosion.
  - f) Define marriage and its characteristics.



2. Long answer question (**any one** out of two): [1 × 15 = 15]
- a) i) What do you mean by social group. [3]
  - ii) Classify social groups. [5]
  - iii) Write down the characteristics of social group [7]
  - b) i) Define social mobility. [3]
  - ii) Write types of Social Mobility. [5]
  - iii) Explain Influence of social mobility on social life. [7]

**SECTION - B (35 Marks)**

3. Short answer question (**any four** out of five): [4 × 5 = 20]
- a) Enlist the types of stratification.
  - b) Define village community. Explain its characteristics.
  - c) Explain the nature or characteristics of social change.
  - d) What is cultural lag.
  - e) Enlist the main elements of social system.

4. Long answer question (**any one** out of two): [1 × 15 = 15]
- a) i) Write the concept of social Control. [3]
  - ii) Describe the Process of social control. [5]
  - iii) Explain the role of nurse in social control. [7]
  - b) i) What is mean by substance abuse. [3]
  - ii) Write in details of its effect and control measures. [7]
  - iii) Role of Nurse in Management of substance abuse. [5]







**Second Basic B.Sc. Nursing Examination, (Phase - III) Winter - 2021**  
**PHARMACOLOGY, PATHOLOGY & GENETICS**

Total Duration : Section A + B+C = 3 Hours

Total Marks : 75

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  - 7) Use a common answerbook for **all** sections.

**SECTION - A (40 Marks)**

**(Pharmacology)**

1. Short answer question (any five out of six): [5 × 5 = 25]
- a) Write therapeutic uses of neostigmine.
  - b) Write treatment of status epilepticus.
  - c) Write therapeutic uses of aspirin.
  - d) Write uses of thiazide diuretics.
  - e) Write advantages of benzodiazepines over barbiturates as sedative and hypnotics.
  - f) Write uses of parenteral Iron preparations.

2. Long answer question (**any one** out of two): [1 × 15 = 15]
- Classify adrenergic drugs. Write therapeutic uses and side effects of adrenaline.
  - Classify drugs used for bronchial asthma and write mechanism of action of each class of drug. Add a note on treatment of status asthmaticus.

**SECTION - B (29 Marks)**

**(Pathology)**

3. Short answer question (**any four** out of five): [4 × 5 = 20]
- Define granuloma. Describe microscopic features & give examples.
  - Differences between crohn's disease & ulcerative colitis.
  - Discuss the pathogenesis and pathological features of Diabetic nephropathy.
  - Briefly describe the radiological findings, gross & microscopy of osteogenic sarcoma.
  - Define Cirrhosis and describe Alcoholic cirrhosis.
4. Long answer question (**any one** out of two): [1 × 9 = 9]
- Define Neoplasia. Write differences between benign and malignant tumours.
  - Classify Breast tumors. Describe gross & microscopic features of infiltrating duct cell carcinoma.

**SECTION - C (6 Marks)**

**(Genetics)**

5. Short answer question (**any two** out of three): [2 × 3 = 6]
- Turner's syndrome.
  - Autosomal recessive inheritance.
  - Gene therapy.







**Second Basic B.Sc. Nursing Examination, (Phase - III) Winter - 2021**  
**COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION - A & SECTION - B**

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  - 7) **Use a common answerbook for all sections.**

**SECTION - A (40 Marks)**

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

- a) Principles of learning.
- b) Micro teaching.
- c) Aims of nursing education.
- d) Advantages of objective type examination.
- e) Need for Internal assessment in nursing education.
- f) Johari window.





2. Long answer question (any one out of two): [1 × 15 = 15]
- a) What are the components of communication? Explain the types of communication commonly used. Enlist the qualities of a good communicator with suitable examples.
  - b) Define philosophy. Describe the relationship between philosophy and nursing education. Explain pragmatism as a philosophy of education.

**SECTION - B (35 Marks)**

3. Short answer question (any four out of five): [4 × 5 = 20]
- a) Constructing multiple choice question.
  - b) Domains of objectives.
  - c) Panel discussion.
  - d) Purposes of nursing rounds.
  - e) Phases of interpersonal relationship.
4. Long answer question (any one out of two): [1 × 15 = 15]
- a) Describe the basic principles of guidance and counselling. Enlist the tools and techniques used in counselling process. Briefly explain the issues for counselling among nursing students.
  - b) Define Evaluation. Enumerate the purpose of evaluation. Describe the qualitative techniques of evaluation.





**Second Basic B.Sc. Nursing Examination, (Phase - III) Winter - 2021**  
**COMMUNITY HEALTH NURSING - I**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION - A & SECTION - B**

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  - 7) Use a common answerbook for **all** sections.

**SECTION - A (40 Marks)**

1. Short answer question (any five out of six): [5 × 5 = 25]
- a) Advantage of home visiting
  - b) Levels of prevention
  - c) Epidemiological Triad
  - d) Uses of records and reports
  - e) Functions of community health nurse in community
  - f) Health problems of rural population



2. Long answer question (**any one** out of two): [1 × 15 = 15]

- a) Define Demography. Explain the Demography cycle. Explain the methods to control the population explosion.
- b) Define Home Visiting. Principles of Home visiting. Explain the steps Home visiting.

**SECTION - B (35 Marks)**

3. Short answer question (**any four** out of five): [4 × 5 = 20]

- a) Scopes of community health nursing
- b) Principles of health education
- c) Method of water purification at small scale
- d) Prevention and control of vector born illness
- e) Mortality Rate and its importance

4. Long answer question (**any one** out of two): [1 × 15 = 15]

- a) Define epidemiology. List the epidemiological methods. Explain the health indicators.
- b) Define community health nursing. Discuss different dimensions of health. Role of community health nurse in prevention of illness.







**Second BASIC B.Sc. Nursing Examination, (Phase - III) Winter - 2021**  
**MEDICAL SURGICAL NURSING - I**

Total Duration : Section A + B = 3 Hours

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**SECTION - A (40 Marks)**

1. Short answer question (any five out of six): [5 × 5 = 25]
- a) Define COPD and enlist the clinical manifestations.
  - b) Duodenal ulcer.
  - c) Management of pain in postoperative client.
  - d) Pulmonary T.B.
  - e) Explain the pathophysiology of Benign hypertrophy of prostate.
  - f) Foot care in diabetes mellitus.

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

[1 × 15 = 15]

a) Mr. A, 50 years old male is admitted to the CCU and diagnosed as Myocardial infarction. Define MI and list the clinical manifestations. Write the medical and pharmacological management of this patient. Write the nursing care plan for 3 priority nursing diagnosis for the patient.

b) Enumerate the causes of acute renal failure (ARF).

Explain the pathophysiology of ARF.

Describe the nursing care plan for two priority nursing diagnosis.

**SECTION - B (35 Marks)**

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

[4 × 5 = 20]

a) Management of hypovolaemic shock.

b) Gastrostomy feeding.

c) Diet in peptic ulcer.

d) Risk factors for deep vein thrombosis.

e) Responsibilities of OT nurse.

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

[1 × 15 = 15]

a) Define intestinal obstruction. Write the pathophysiology of intestinal obstruction. Write the nursing management of case undergone surgery.

b) Define typhoid.

Describe its pathophysiology of typhoid fever.

Write clinical manifestations of typhoid fever.







**Second BASIC B.Sc. Nursing Examination, (Phase - III) Winter - 2021**  
**SOCIOLOGY**

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**SECTION - A & SECTION - B**

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**SECTION - A (40 Marks)**

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  - b) Explain the main reasons of social disorganization.
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  - d) Explain the details types of social system.
  - e) Enlist the causes of population explosion.
  - f) Define marriage and its characteristics.



2. Long answer question (**any one** out of two): [1 × 15 = 15]
- a) ~~i) What do you mean by social group. [3]~~  
~~ii) Classify social groups. [5]~~  
 iii) Write down the characteristics of social group [7]
- b) i) Define social mobility. [3]  
 ii) Write types of Social Mobility. [5]  
 iii) Explain Influence of social mobility on social life. [7]

**SECTION - B (35 Marks)**

3. Short answer question (**any four** out of five): [4 × 5 = 20]
- ~~a) Enlist the types of stratification.~~  
~~b) Define village community. Explain its characteristics.~~  
~~c) Explain the nature or characteristics of social change.~~  
~~d) What is cultural lag.~~  
 e) Enlist the main elements of social system.

4. Long answer question (**any one** out of two): [1 × 15 = 15]
- a) ~~i) Write the concept of social Control. [3]~~  
~~ii) Describe the Process of social control. [5]~~  
 iii) Explain the role of nurse in social control. [7]
- b) i) What is mean by substance abuse. [3]  
 ii) Write in details of its effect and control measures. [7]  
 iii) Role of Nurse in Management of substance abuse. [5]

