



62603

**Second Basic B.Sc. Nursing Examination, Winter 2013  
PHARMACOLOGY, PATHOLOGY AND GENETICS**

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

Section B & C Marks : 60

**SECTION – B & SECTION – C**

- Instructions:**
- 1) All questions are compulsory.
  - 2) The number to the right indicates full marks.
  - 3) Draw diagrams wherever necessary.
  - 4) 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.

**SECTION – B  
(Pharmacology)**

**(30 Marks)**

2. Answer the following (any three out of four) : (3x5=15)
  - a) Discuss treatment options of myasthenia gravis in brief.
  - b) Enumerate health benefits of oral hormonal contraceptives other than contraception.
  - c) Enumerate five classes of drug source with examples of drugs obtained.
  - d) Discuss uses of purgatives in brief.
3. Classify thyroid inhibitors. Discuss mechanism of action and adverse effects of carbimazole. (1x7=7)
4. Classify antitubercular drugs. Write mechanism of action, adverse effects and drug interactions of isoniazid. (1x8=8)

**SECTION – C  
(Pathology)**

**(30 Marks)**

5. Answer the following (any three out of four) : (3x4=12)
  - a) Explain evolution of granuloma in tuberculosis.
  - b) Differentiate between benign and malignant tumours with examples.
  - c) Classify tumours of the breast. Discuss etiopathogenesis of carcinoma breast.
  - d) Enumerate indications of semen analysis. Describe morphological abnormalities of sperm.

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6. Answer the following (any three out of four) :

(3x6=18)

- a) Describe etiopathogenesis, gross and microscopy of fatty liver.
- b) Define Pneumonia. Describe various stages of lobar pneumonia and mention its complications.
- c) Enumerate indications of lumbar puncture. Give a detailed account of CSF examination with interpretation.
- d) Give an account of universal safety precautions.



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**Second Basic B.Sc. Nursing Examination, Winter 2013**  
**SOCIOLOGY**

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

Section B & C Marks: 60

**SECTION – B & SECTION – C**

- Instructions:**
- 1) All questions are **compulsory**.
  - 2) The number to the **right** indicates **full marks**.
  - 3) **Draw diagrams wherever necessary**.
  - 4) 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.

**SECTION – B**

30

2. Answer the following (any five out of six) : (5×3=15)
- a) Nature of society.
  - b) Agencies of socialisation.
  - c) Assimilation.
  - d) Functions of family.
  - e) Folkways and mores.
  - f) Child labour.
3. Answer the following (any three out of four) : (3×5=15)
- a) Cultural lag.
  - b) Availability of health facilities in Rural and Urban and its impact on health practices.
  - c) Marriage and Family problems in India.
  - d) Importance of Sociology in Nursing.

**SECTION – C**

30

Long answer questions (any two from Q. No. 4, 5, & 6) :

Attempt any two LAQ out of three

4. a) Define Social Change. (1×15=15)
- b) Discuss nature of Social Change. 5
  - c) Role of Nurse as a Change Agent. 5
5. a) Define Culture. (1×15=15)
- b) Explain various characteristics of culture. 5
  - c) Discuss the role of subculture and counter culture in modern society. 5
6. a) Define Social Organisation. (1×15=15)
- b) Discuss elements of Social Organisation. 5
  - c) Explain Role and Status in detail. 5



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**Second Basic B.Sc. Nursing Examination, Winter 2013  
COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

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

Section B & C Marks : 60

**SECTION – B & SECTION – C**

- Instructions :**
- 1) *All questions are compulsory.*
  - 2) *The number to the right indicates full marks.*
  - 3) *Draw diagrams wherever necessary.*
  - 4) *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.*

**SECTION – B**

**(30 Marks)**

2. Answer the following (any five out of six) :

**(5x3=15)**

- a) Techniques of effective communication.
- b) Phases of interpersonal relationship.
- c) Importance of social attitude.
- d) Attributes and skills of counselor.
- e) Principles of learning.
- f) Purposes of Nursing Rounds.

3. Answer the following (any three out of four) :

**(3x5=15)**

- a) Criteria for selection and formulation of general and specific objectives.
- b) Objective Structured Clinical Examination. (OSCE)
- c) Principles of Health Education.
- d) Self Instructional module.

P.T.O.

OBJECTIVES OF OSCE STUDY :



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SECTION - C

(30 Marks)

Long answer question (any two from Q. No. 4, 5, & 6):

4. a) Describe the Basic Principles of Guidance and Counseling. (1x15=15) 5  
b) Enlist the tools and techniques used for the Counseling process. 5  
c) Briefly explain the issues of counseling in nursing students. 5
5. a) Write the aims of education. (1x15=15) 5  
b) Difference between philosophy and education. 5  
c) Explain the dimensions and principles of class-room management. 5
6. a) Describe the need of audio-visual aids in nursing education. (1x15=15) 5  
b) Enlist the principles to be followed for effective use of audio-visual aids. 5  
c) Briefly explain the projected aids in educational media. 5



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**Second Basic B.Sc. Nursing Examination, Winter 2013**  
**MEDICAL SURGICAL NURSING - I**

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

Section B & C Marks: 60

**SECTION - B & SECTION - C**

- Instructions:**
- 1) All questions are **compulsory**.
  - 2) The number to the **right** indicates **full** marks.
  - 3) Draw diagrams **wherever** necessary.
  - 4) **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.

**SECTION - B**

**(30 Marks)**

2. Answer the following (any five out of six) :

**(5x3=15)**

- a) Complications of unconsciousness.
- b) Causes of dehydration.
- c) List the causes of peptic ulcer.
- d) Preparation of patient for CT scan.
- e) List the risk factors of urinary calculi.
- f) Clinical manifestations of thyrotoxicosis.

3. Answer the following (any three out of four) :

**(3x5=15)**

- a) Nurses responsibility in administering digoxin.
- b) List the complications of diabetic mellitus.
- c) Clinical manifestations and investigation of acute cholecystitis.
- d) Nursing management of a patient with temporary pacemaker.

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SECTION - C

(30 Marks)

Long answer question (any two from Q. No. 4, 5, & 6) :

4. Mrs. Geeta 56 years came to the casualty with the history of severe chest pain, sweating profusely on examination she was diagnosed as myocardial infarction. (1×15=15)
- a) Define myocardial infarction and list the clinical features of myocardial infarction. 5
  - b) Explain the patho physiology of myocardial infarction. 5
  - c) Explain the Nursing management of a patient with myocardial infarction. 5
5. Mr X. 60 years is admitted in the hospital with the diagnosis of asthma. (1×15=15)
- a) Define asthma and list the etiology and risk factors of asthma. 5
  - b) Explain the pathophysiology of asthma. 5
  - c) Describe the nursing management of a patient with asthma. 5
6. Mrs Y. is admitted with the history of severe Diarrhoea and Dehydration. (1×15=15)
- a) List the causes and clinical manifestations of hypovolemic shock. 5
  - b) Explain the preventive measures of hypovolemic shock. 5
  - c) Explain the nursing management of a patient with hypovolemic shock. 5



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**Second Basic B.Sc. Nursing Examination, Summer 2013**  
**SOCIOLOGY**

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

Section B & C Marks: 60

**SECTION – B & SECTION – C**



- Instructions:**
- 1) All questions are **compulsory**.
  - 2) The number to the **right** indicates **full** marks.
  - 3) **Draw** diagrams wherever **necessary**.
  - 4) 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.

**SECTION – B**  
**(SAQ)**

2. Answer the following (**any five** out of six) : (5x3=15)
- a) Social inter-action.
  - b) Types of co-operation.
  - c) Features of urban community.
  - d) Characteristics of joint family.
  - e) Factors of social change.
  - f) Norms.
3. Answer the following (**any 3** out of 4) : (3x5=15)
- a) Importance of study of sociology in nursing.
  - b) Divorce.
  - c) HIV and AIDS counselling.
  - d) Causes of conflict.

**SECTION – C**

- Attempt **any 2** LAQ out of 3 : (2x15=30)
- a) Define social control. 2
  - b) Discuss necessity of social control. 5
  - c) Write the means of social control. 8

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- 5. a) Define group.
- b) Describe characteristics of primary group.
- c) Distinguish between primary and secondary group.

2  
5  
8

OR

- 6. a) Define social stratification.
- b) Discuss merits of caste system.
- c) Differentiate between caste and class.

2  
5  
8

CONFIDENTIAL



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**Second Basic B.Sc. Nursing Examination, Summer 2013  
COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

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

Section B & C Marks: 60

**SECTION – B & SECTION – C**

- Instructions:**
- 1) **All questions are compulsory.**
  - 2) **The number to the right indicates full marks.**
  - 3) **Draw diagrams wherever necessary.**
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**SECTION – B**

(SAQ)

(30 Marks)

2. Answer the following (any five out of six) :

(5×3=15)

- a) Lesson plan
- b) Micro teaching
- c) Domains of objective
- d) Characteristics of learning
- e) Case method
- f) Panel discussion.

3. Answer the following (any 3 out of 4) :

(3×5=15)

- a) Purposes of audio visual aids
- b) Role of counselor
- c) Advantages and disadvantages of lecture method
- d) Bed side clinic.

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SECTION - C

(LAQ)

(30 Marks)

Attempt **any two** LAQ out of three (4, 5, 6) :

(2x15)

- |   |   |
|---|---|
| 4. a) Define communication.   | 2 |
| b) Discuss types of communication.                                  | 5 |
| c) Explain the importance of communication in caring of patient.    | 8 |
| 5. a) Define health education.                                      | 5 |
| b) Discuss principles of health education.                          | 7 |
| c) Discuss the importance of health education in community setting. | 7 |
| 6. a) Define learning.  | 3 |
| b) List down the general characteristics of learning.               | 4 |
| c) Explain the relationship between teaching and learning.          | 8 |

*(Faint handwritten notes in red and blue ink, including phrases like 'Clinical work', 'date of completion', 'name of the student', and 'date of commencing the course') and a large green stamp at the bottom.*



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**Second Basic B.Sc. Nursing Examination, Winter 2013  
COMMUNITY HEALTH NURSING - I**

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

Section B & C Marks : 60

**SECTION - B & SECTION - C**

- Instructions :**
- 1) **All questions are compulsory.**
  - 2) **The number to the right indicates full marks.**
  - 3) **Draw diagrams wherever necessary.**
  - 4) **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.**

**SECTION - B**

**(30 Marks)**

2. Answer the following (any five out of six) :

**(5x3=15)**

- a) Explain the aims of community health nursing.
- b) Discuss the benefits of Client Protection Act.
- c) Discuss the effects of over population.
- d) Discuss women empowerment as social need.
- e) Discuss public health laws related to health.
- f) Discuss the scope of demography.

3. Answer the following (any three out of four) :

**(3x5=15)**

- a) Discuss ethics in community health nursing practice.
- b) Discuss the determinants of health.
- c) Discuss the various methods used for domestic water purification.
- d) Discuss the functions of health team members in subcentre.

**SECTION - C**

**(30 Marks)**

Long answer question (any two from Q. No. 4, 5 and 6) :

**(1x15=15)**

4. a) Explain family as basic unit of health service
- b) Discuss functions of family.
- c) Discuss the concept of small family norm.

5

5

5

P.T.O.



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5. a) Enumerate the bacterial diseases.

(1x15=15)

b) Discuss the epidemiological triad of Cholera.

5

c) Explain the role of community health nurse in prevention and treatment of bacterial diseases in community.

5

5

6. a) Discuss the approaches to control HIV/AIDS.

(1x15=15)

b) Explain the various activities in AIDS control programme at national level.

5

c) Discuss the role of community health nurse in caring for patient diagnosed with AIDS in community.

5



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**Second Basic B.Sc. Nursing Examination, Summer 2013  
COMMUNITY HEALTH NURSING – I**

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

Section B & C Marks: 60

**SECTION – B & SECTION – C**

- Instructions:**
- 1) **All questions are compulsory.**
  - 2) **The number to the right indicates full marks.**
  - 3) **Draw diagrams wherever necessary.**
  - 4) **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.**

**SECTION – B  
(SAQ) (30 Marks)**

2. Answer **any five** out of six. (5×3=15)
  - a) Uses of Epidemiology.
  - b) Vitamin A deficiency – signs and symptoms.
  - c) 'Iceberg' of disease.
  - d) Physical dimensions of health.
  - e) Water borne diseases.
  - f) Pulse polio vaccination.
3. Answer the following (**any 3** out of 4). (3×5=15)
  - a) Advantages of home visits.
  - b) Differences between Quashiorkore and Marasmus.
  - c) Epidemiological triad.
  - d) Role of community health nurse in Immunization clinic.

**SECTION – C  
(LAQ)**

- Answer **any two** out of Q. 4, 5 and 6. (2×15=30)
4. a) Define community health. 3
  - b) Determinant of community health. 5
  - c) Role of nurse in family oriented care. 7
  5. a) Define Primary Health Care. 3
  - b) List elements of Primary Health Care. 5
  - c) Role of nurse in Primary Health Center. 7
  6. a) Define Immunization. 3
  - b) Write schedule of Immunization. 8
  - c) Explain cold chain at Immunization clinic. 4



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**Second Basic B.Sc. Nursing Examination, Summer 2013**  
**PHARMACOLOGY, PATHOLOGY AND GENETICS**

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Section B & C Marks : 60

**SECTION – B & SECTION – C**

- Instructions:** 1) **All questions are compulsory.**  
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**SECTION – B**  
**Pharmacology**

2. Answer the following (any 3 out of 4). (3x5=15)
- Mention any five therapeutic uses of gluco-corticoids.
  - Write a short note on chloroquine.
  - Write a short note on oral contraceptive pills.
  - Enlist parenteral routes of drug administration and give any two advantages of rectal route along with suitable examples.
3. Classify drugs used in treatment of congestive cardiac failure? Mention mechanism of action and side effects of digoxin. (1x7=7)
4. Classify the drug treatment of bronchial asthma? Mention the drug treatment of status asthmaticus. (1x8=8)

**SECTION – C**  
**Pathology**

5. Answer the following (any 3 out of 4). (3x4=12)
- Write a brief account of benign prostatic hyperplasia.
  - Laboratory investigations in myocardial infarction.
  - What is primary complex? Give the fate of primary complex.
  - Enumerate factors affecting wound healing.
6. Attempt 3 LAQ out of four. (3x6=18)
- Mention causes of diarrhoea. Give a brief account of stool examination.
  - Define neoplasia. Write differences between benign and malignant tumours.
  - Write in brief on different methods of grouping and cross matching of blood.
  - Write different etiological factors for cervical cancers. Mention the laboratory investigations in the diagnosis.

# BIBLIOGRAPHY

Sr No.	Name of the Book	Author	Edition	Page No.
1)	Community Health Nursing	Keshav Swarnkar	2nd Edition	391-451
2)	Preventive & Social Medicine	K. Park	2nd Edition	351-352
3)				

*8 pages*