



**Second Basic B.Sc. Nursing
Examination, Summer (Phase - II) 2019
PHARMACOLOGY, PATHOLOGY & GENETICS**

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)
(Pharmacology)**

1. Short answer questions (any five out of six) : [5 × 5 = 25]
- a) Write briefly on uses and adverse effects of Atropine.
 - b) Enumerate drugs used for treatment of peptic ulcer. Write indications for use proton pump inhibitors.
 - c) Define Bioavailability. Enumerate the factors affecting Bioavailability.
 - d) Enumerate oral iron preparations. Write indications and adverse effects of oral iron preparation.
 - e) Write advantages of Benzodiazepines over barbiturates.
 - f) Classify Sympathomimetics (Adrenergic drugs). Write three uses of Adrenaline.

HEALTH EDUCATION



2. Long answer questions (**any one** out of two) : [1 × 15 = 15]
- a) Enumerate different routes of drug administration with one example of each route. Write advantages of parenteral routes over oral route.
 - b) Classify Penicilline. Write therapeutic and prophylactic uses, adverse effects, drug interactions of Benzathine Penicillin.

SECTION-B (29 Marks)
(Pathology)

3. Short answer questions (**any four** out of five) : [4 × 5 = 20]
- a) Define granuloma. Describe microscopic features & give examples.
 - b) Define embolism. Describe the effects of embolism.
 - c) Define pneumonia. Describe pathology of bronchopneumonia in brief.
 - d) Define acute inflammation. Discuss cellular events in acute inflammation.
 - e) Enumerate causes of haematuria. Describe tests for detection of blood in urine.
4. Long answer questions (**any one** out of two) : [1 × 9 = 9]
- a) Discuss the pathogenesis and pathological features of diabetic nephropathy.
 - b) Classify ovarian tumours. Describe gross and microscopy of benign cystic teratoma of ovary.

SECTION-C (6 Marks)
(Genetics)

5. Short answer question (**any two** out of three) : [2 × 3 = 6]
- a) Write note on infertility.
 - b) Translocation.
 - c) Down's syndrome (Trisomy 21).



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[Total No. of Pages : 2

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Second BASIC B.Sc. Nursing Examination, Winter (Phase-III ALL other remaining UG/PG Course) - 2019

SOCIOLOGY

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION - A & SECTION - B

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 - 4) The number to the **right** indicates **full** marks.
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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) Difference between society and community.
 - b) Population explosion and impact on health status.
 - c) Types of groups and its importance.
 - d) Forms of marriage.
 - e) Culture and socialization.
 - f) Poverty.
2. Long answer question (any one out of two): [1 × 15 = 15]
 - a) Define social control, nature of social control, explain role of nurse in social control.
 - b) Define culture, explain the characteristics of culture, describe cultural influence on health and disease.

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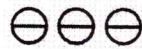
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SECTION "B" (35 Marks)

3. Short answer question (any four out of five): [4 × 5 = 20]
- a) Social process and its uses in society.
 - b) Illiteracy.
 - c) Importance of sociology in nursing.
 - d) Types of social organization.
 - e) Cultural lag.
4. Long answer question (any one out of two): [1 × 15 = 15]
- a) Define social problems, explain factors affecting social problems and write different measures to overcome social problems.
 - b) Define social stratification, explain types of social stratification and describe influence of class, caste on health practices.





[Total No. of Pages : 2

62605

Second Basic B.Sc. Nursing Examination, Summer (Phase - II) 2019
COMMUNICATION AND EDUCATIONAL TECHNOLOGY

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) Principles and maxims of learning.
 - b) Purposes of black board.
 - c) Difference between formative and summative evaluation.
 - d) Barriers of Interpersonal relationship.
 - e) Explain Johari Window.
 - f) Characteristics of learning.

2. Long answer questions (**any one** out of two):
 - a) Define guidance and counseling. Write the approaches to counseling. Discuss the issues of counseling in nursing students and nursing personnel. [3+5+7]
 - b) Describe the need of Audio-Visual aids in nursing education. Enlist the principles to be followed for effective use of Audio-Visual aids. Briefly explain the projected aids in educational media. [3+5+7]



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SECTION - B (35 Marks)

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

[4 × 5 = 20]

- a) Importance of human relation.
- b) Explain 'Seminar as a method of teaching'.
- c) Purposes of evaluation.
- d) Advantages and disadvantages of rating scale.
- e) Criteria for Selection of formulation of specific objectives.

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

- a) Define Philosophy. Describe the relationship between philosophy and education. Explain pragmatism as a aim of education. [3+5+7]
- b) Enumerate the various methods of teaching. Explain principles of teaching. Discuss the details about the lecture method. [4+4+7]

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[Total No. of Pages : 2

62604



Second Basic B.Sc. Nursing Examination, Summer (Phase - II) 2019
COMMUNITY HEALTH NURSING - I

Total Duration : 3 Hours

Total Marks : 75

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SECTION - A (40 Marks)

1. Short answer questions (any five out of six) :

[5 × 5 = 25]

- a) Levels of Prevention.
- b) Noise control Measures.
- c) Food adulteration.
- d) Methods of waste disposal.
- e) Case control study.
- f) Typhoid fever.

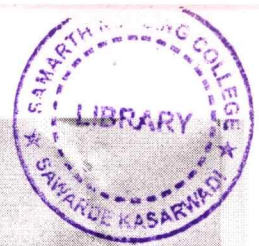
2. Long answer question (any one out of two):

[1 × 15 = 15]

- a) Explain population explosion, write in detail the population control methods.
- b) Define home visiting, explain steps of home visiting. What are the problem faced by a community health nurse during home visit.

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SECTION - B (35 Marks)

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

[4 × 5 = 20]

- a) Family as a unit of care
- b) Pasteurization of milk
- c) Mortality Rates
- d) Demographic cycle
- e) Incidence and prevalence rate

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

[1 × 15 = 15]

- a) Define community health nursing. explain the ethical principles used in community health nursing. Write the scope of community health nursing.
- b) Explain the water born diseases. Explain immunization schedule. Prevention of water borne diseases.

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[Total No. of Pages : 2

62602

Second Basic B.Sc. Nursing Examination, Summer (Phase - II) 2019
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 questions (**any five** out of six) : [5 × 5 = 25]
- a) 12 lead ECG
 - b) Roles & responsibilities of medical surgical nurse
 - c) Psoriasis.
 - d) Management of patient with fluid & electrolyte imbalance.
 - e) Care of patient after Appendectomy.
 - f) Abdominal paracentesis.

2. Long answer questions (**any one** out of two):
- a)
 - i) Define Chronic Obstructive Pulmonary Disease (COPD). [2]
 - ii) Explain causes & risk factors of COPD. [4]
 - iii) Describe medical, surgical & nursing management of COPD. [9]
 - b)
 - i) Define Myocardial Infarction (MI) [2]
 - ii) Enumerate causes & risk factors of MI. [4]
 - iii) Describe surgical & nursing management of MI. [9]

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ORIGINAL IDENTIFICATION DATA



62602

[4 × 5 = 20]

SECTION - B (35 Marks)

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

- ~~a) Duties and responsibilities of OT nurse.~~
- ~~b) National Aids Control Programme.~~
- ~~c) Wound healing process.~~
- ~~d) Discharge planning for diabetes patient.~~
- ~~e) Benign Prostrate Hypertrophy (BPH).~~

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

- a) i) Define Chronic Renal Failure (CRF). [2]
- ii) Explain causes of renal failure. [4]
- iii) Describe medical & nursing management of chronic renal failure patient. [9]
- b) i) Define fracture. [2]
- ii) Enumerate types of fracture. [4]
- iii) Describe medical, surgical and nursing management of fracture patient. [9]

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62601

[Total No. of Pages : 2

Second Basic B.Sc. Nursing Examination, Summer (Phase - II) 2019
SOCIOLOGY

Total Duration : 3 Hours

Total Marks : 75

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SECTION - A (40 Marks)

[5 × 5 = 25]

1. Short answer questions (**any five** out of six) :
 - a) Explain Social Stratification.
 - b) Features of village community.
 - c) Dowry.
 - d) Features of caste in India.
 - e) Influence of class and caste on health and health practices.
 - f) Elements of social organization.

2. Long answer questions (**any one** out of two):
 - a) Define culture. Explain the factors responsible for diverse culture. Discuss the trans cultural society influence on health and disease. [3+5+7]
 - b) Define social group. Write classification of groups. Differentiate between primary and secondary groups. [2+5+8]

P.T.O



62601

SECTION - B (35 Marks)

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

[4 × 5 = 20]

- a) Characteristics of marriage.
- b) Factors responsible for social mobility.
- c) Availability of health facilities in rural and its impact on health and health practices.
- d) Rights of women.
- e) Describe the types of social control.

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

[15]

- a) Define social change. Explain the factors responsible for social change. Explain theories of social change. [3+5+7]
- b) Define social system. Explain in details types of social system. Role and Status as structural elements of social system. [3+5+7]

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**Second Basic B.Sc. Nursing Examination, Summer (Phase - II) 2019
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) Principles and maxims of learning.
 - b) Purposes of black board.
 - c) Difference between formative and summative evaluation.
 - d) Barriers of Interpersonal relationship.
 - e) Explain Johari Window.
 - f) Characteristics of learning.

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 - a) Define guidance and counseling. Write the approaches to counseling. Discuss the issues of counseling in nursing students and nursing personnel. **[3+5+7]**

 - b) Describe the need of Audio-Visual aids in nursing education. Enlist the principles to be followed for effective use of Audio-Visual aids. Briefly explain the projected aids in educational media. **[3+5+7]**



SECTION - B (35 Marks)

3. Short answer questions (any four out of five) : [4 × 5 = 20]
- Importance of human relation.
 - Explain 'Seminar as a method of teaching'.
 - Purposes of evaluation.
 - Advantages and disadvantages of rating scale.
 - Criteria for Selection of formulation of specific objectives.
4. Long answer questions (any one out of two) :
- Define Philosophy. Describe the relationship between philosophy and education. Explain pragmatism as a aim of education. [3+5+7]
 - Enumerate the various methods of teaching. Explain principles of teaching. Discuss the details about the lecture method. [4+4+7]

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Conclusion



Second Basic B.Sc. Nursing Examination, Summer (Phase - II) 2019
MEDICAL SURGICAL NURSING - I

Total Duration : 3 Hours

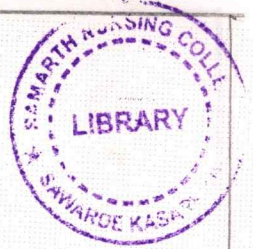
Total Marks : 75

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SECTION - A (40 Marks)

1. Short answer questions (**any five** out of six) : [5 × 5 = 25]
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 - b) Roles & responsibilities of medical surgical nurse
 - c) Psoriasis.
 - d) Management of patient with fluid & electrolyte imbalance.
 - e) Care of patient after Appendectomy.
 - f) Abdominal paracentesis.

2. Long answer questions (**any one** out of two):
 - a)
 - i) Define Chronic Obstructive Pulmonary Disease (COPD). [2]
 - ii) Explain causes & risk factors of COPD. [4]
 - iii) Describe medical, surgical & nursing management of COPD. [9]
 - b)
 - i) Define Myocardial Infarction (MI) [2]
 - ii) Enumerate causes & risk factors of MI. [4]
 - iii) Describe surgical & nursing management of MI. [9]



[Total No. of Pages : 2

62603

**Second Basic B.Sc. Nursing Examination, Winter
(Phase - III All other remaining UG/PG Course) - 2019
PHARMACOLOGY, PATHOLOGY & GENETICS**

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

Total Marks : 75

SECTION - A & SECTION - B, & SECTION - C

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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) Define Bioavailability. Enumerate various factors affecting bioavailability.
 - b) Classify alpha blockers. Enumerate uses of alpha blockers.
 - c) Classify glucocorticoids. Enumerate adverse effects of glucocorticoids.
 - d) Classify oral anti-diabetic drugs and explain mechanism of action of sulfonylureas.
 - e) Enumerate anti-epileptic drugs. Discuss management of status epilepticus.
 - f) Explain in brief the role of beta 2 agonists in bronchial asthma.

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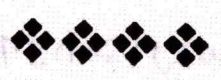
2. Long answer question (any one out of two) : 62603
[1 × 15 = 15]
a) Enumerate beta-lactam group of antibiotics. Write mechanism of action, adverse effects and therapeutic uses of penicillin G.
b) Classify anti-hypertensive drugs. Explain in detail mechanism of action, adverse effects and advantages of angiotensin converting enzyme inhibitors in hypertension.

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

3. Short answer question (any four out of five) : [4 × 5 = 20]
a) Define Necrosis. Describe various types with examples.
b) Define Hyperplasia. Describe benign hyperplasia of prostate.
c) Describe clinical features and peripheral smear findings in Iron deficiency anaemia.
d) Describe primary complex of Tuberculosis.
e) Describe collection and examination of Semen and its importance in infertility.
4. Long answer question (any one out of two): [1 × 9 = 9]
a) Define Healing. Describe various steps in cutaneous wound healing and factors affecting wound healing.
b) Define cirrhosis of liver. Give classification, clinical features and complications of cirrhosis.

SECTION - "C" (6 Marks)
(Genetics)

5. Short answer question (any two out of three) : [2 × 3 = 6]
a) Turner's syndrome.
b) Autosomal dominant inheritance.
c) Enumerate neural tube defects.





[Total No. of Pages : 2

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**Second Basic B.Sc. Nursing Examination, Winter
(Phase - III All Other Remaining UG/PG Course) - 2019
COMMUNICATION AND EDUCATIONAL TECHNOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION - A & SECTION - B

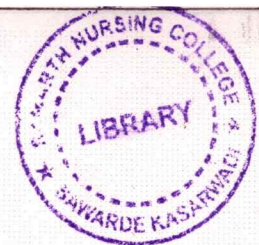
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 - 7) Use a common answerbook for all sections.

SECTION - "A" (40 Marks)

1. Short answer questions (any five out of six) : [5 × 5 = 25]
 - a) Barriers to interpersonal relations with patients, families and co-workers.
 - b) Criteria for selection of assessment technique and methods.
 - c) Multiple choice questions.
 - d) Methods and media for communicating health messages.
 - e) Purposes, use and types of Pamphlets & leaflets as printed aids.
 - f) Micro teaching as teaching learning activity.

N - 2661

P.T.O



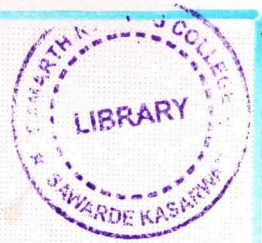
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2. Long answer question (any one out of two) : [1 × 15 = 15]
- a) Issues for counseling in nursing students and nursing personnel.
 - b) Group Dynamics in nursing.

SECTION - "B" (35 Marks)

3. Short answer questions (any four out of five) : [4 × 5 = 20]
- a) Principles and maxims of learning.
 - b) Process recording as a method of individual & group conference.
 - c) Purpose and use of Microscope as projected aid.
 - d) Attitude Scales.
 - e) Explain the Purpose & scope of evaluation.
4. Long answer question (any one out of two) : [1 × 15 = 15]
- a) Define simulation as a method of teaching. List the purposes of simulation in classroom settings. Discuss the method of simulation as teaching skills used in community settings with example.
 - b) Discuss steps & techniques in Counseling process? List the tools for collecting information? And describe management of crisis and referral for adolescent who is diagnosed with HIV.





[Total No. of Pages : 2

62602

**Second Basic B.Sc. Nursing Examination, Winter
(Phase - III All other remaining UG/PG Course) - 2019
MEDICAL SURGICAL NURSING - I**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION - A & SECTION - B

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

1. Short answer questions (any five out of six) :

[5 × 5 = 25]

- a) Fever.
- b) Emphysema.
- c) Pulmonary embolism.
- d) Appendicitis.
- e) Concept of Health and Illness.
- f) Abdominal paracentesis.

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P.T.O



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

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[1 × 15 = 15]

- a) i) Define Hypertension.
- ii) Explain etiology & clinical manifestation of hypertension.
- iii) Write collaborative management of hypertension.
- b) i) Define AIDS (acquired immune deficiency syndrome)
- ii) Explain Mode of transmission of HIV Infection.
- iii) Write National AIDS control program.

SECTION - "B" (35 Marks)

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

[4 × 5 = 20]

- a) Amputation.
- b) Psoriasis.
- c) Diabetes insipidus.
- d) Renal calculi.
- e) Thalassemia.

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

[1 × 15 = 15]

- a) i) Define congestive cardiac failure (CCF).
- ii) Explain types & etiology of CCF.
- iii) Write Nursing Management of patient with CCF.
- b) i) Define Liver cirrhosis.
- ii) Explain types of liver cirrhosis.
- iii) Write Medical management of liver cirrhosis.

