



[Total No. of Pages : 2

62603
 Second Basic B.Sc. Nursing Examination, (Phase - II) Summer - 2022
 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 question (any five out of six) : [5 × 5 = 25]
 - a) Write a note on merits and demerits of Intravenous route of administration.
 - b) Classify Opioids. Describe mechanism of action and therapeutic uses of morphine.
 - c) Name any two parenteral Iron preparations. What are indications for parenteral Iron therapy.
 - d) Describe in short therapeutic uses of Insulin.
 - e) Write a note pharmacological management of Myocardial Infarction.
 - f) Classify Oral hypoglycemic drugs. Describe therapeutic uses of Metformin.

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2. Long answer question (any one out of two) 62603
[1 × 15 = 15]
- Classify Antitubercular drugs. Describe therapeutic uses and adverse reactions of Rifampicin.
 - Classify drugs used in Bronchial Asthma. Add a note on pharmacological management of status asthmaticus.

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

3. Short answer question (any four out of five) [4 × 5 = 20]
- Describe briefly the role of a nurse in assisting and preparing a patient with meningitis for various investigations of CSF.
 - Define Apoptosis. Mention the differences between Apoptosis and Necrosis.
 - Discuss the pathophysiology of tuberculosis.
 - Define Anemia. Describe the peripheral smear findings in iron deficiency anemia.
 - Define Gangrene. Enumerate the types and differences between dry and wet gangrene.
4. Long answer question (any one out of two) [1 × 9 = 9]
- Describe the etiology, pathology & spread of carcinoma of cervix.
 - Define Inflammation. Mention types, causes & chemical mediators of acute inflammation. Briefly describe the cardinal signs of inflammation.

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

5. Short answer question (any two out of three) [2 × 3 = 6]
- Write a note on prenatal testing and diagnosis.
 - Write a note on Mendelian theory of inheritance.
 - Write role of nurse in genetic counselling.



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62601

Second Basic B.Sc. Nursing Examination, (Phase - II) Summer - 2022
SOCIOLOGY

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) Social organisation.
 - b) Role of nurse as a change agent.
 - c) Ethnocentrism.
 - d) Difference between folkways and mores.
 - e) Forms of Hindu Marriage.
 - f) Competition.

2. Long answer question (any one out of two) : [1 × 15 = 15]
 - a) Define primary group. Discuss the importance of groups and differentiate between primary and secondary groups.
 - b) Define sociology. Discuss the importance of sociology in nursing profession and explain how social factors influence health and illness.

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62601



SECTION - "B" (35 Marks)

[4 × 5 = 20]

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

- a) Agencies of Socialisation.
- b) Causes of conflict and methods of conflict resolution.
- c) Ill effects of slums.
- d) Health problems of village community.
- e) Child socialisation.

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

[1 × 15 = 15]

- a) Define social control, need for social control, explain the means of social control.
- b) Define culture. Explain the components of culture and describe the characteristics of culture.



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62605

Second Basic B.Sc. Nursing Examination, (Phase - II) Summer - 2022
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) Nonverbal communication.
 - b) Socio-cultural barriers of interpersonal relationship.
 - c) Importance of understanding self.
 - d) The directive approach of counselling.
 - e) Naturalism.
 - f) Micro Teaching.

2. Long answer question (any one out of two) : [1 × 15 = 15]
 - a) Explain the Aims of health education, its principles and the importance of health education.
 - b) Classify the Audio-Visual aids based on the mode of presentation, describe the sources of it and explain the principles of using A.V. aids.

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SECTION - "B" (35 Marks)



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

[4 × 5]

- a) Barriers of interpersonal relationship. *Domains of objective.*
- b) Difference between guidance and counseling.
- c) Functions of Education.
- d) Seminar as method of teaching.
- e) Purposes of Assessment.

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

[1 × 15 = 15]

- a) Draw well label Johari window and describe it. Explain the applications of the Johari window in nursing.
- b) Enlist the classroom management problems; explain the strategies and describe the role of a teacher in classroom management.





Second Basic B.Sc. Nursing Examination, Phase - II
Summer - 2022

MEDICAL SURGICAL NURSING - I

Total Duration : 3 Hours

Total Marks : 75

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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) Stages of wound healing.
 - b) Pulmonary embolism.
 - c) Management of fluid & electrolyte imbalance.
 - d) Health education to the patient of diabetes mellitus.
 - e) Care of leprosy patient.
 - f) Portal hypertension.

2. Long answer question (any one out of two) : [1 × 15 = 15]
 - a)
 - i) Describe clinical features of fracture.
 - ii) Classify fracture.
 - iii) Write in detail care of patient with below knee amputation.

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- b) i) Describe clinical features and diagnostic tests of Myocardial infarction.
- ii) Explain the management of patient with Myocardial infarction in first 24 hours.
- iii) Enlist the complications of Myocardial infarction.

SECTION "B" (35 Marks)

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

- a) Responsibilities of scrub nurse.
- b) Mitral stenosis.
- c) Care of HIV/AIDS patient.
- d) Psoriasis.
- e) Care of patient with chest drainage.

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

- a) i) Describe pathophysiology of Chronic Renal Failure.
- ii) Explain medical and nursing management of Chronic Renal Failure.
- iii) Write in detail about hemodialysis.
- b) i) Describe clinical features of intestinal obstruction.
- ii) Write management of patient with intestinal obstruction.
- iii) Write in detail about colostomy care.





Second Basic B.Sc. Nursing Examination, Phase - II
Summer - 2022
COMMUNITY HEALTH NURSING - I

Total Duration : 3 Hours

Total Marks : 75

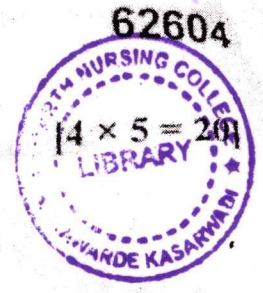
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 - 7) Use a common answerbook for all sections.

SECTION "A" (40 Marks)

1. Short answer question (any five out of six) : [5 × 5 = 25]
 - a) Different methods of Food Preservation.
 - b) Measles
 - c) Determinants of Health
 - d) Methods of refuse disposal.
 - e) Types of Ventilation.
 - f) Food adulteration Act.

2. Long answer question (any one out of two) : [1 × 15 = 15]
 - a) Define home visiting. Explain the principles of home visiting, Discuss the role of CHN in home visiting.
 - b) Define Noise. Effects of Noise Exposure. Discuss the methods of controlling noise.

SECTION "B" (35 Marks)



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

- a) Demographic Cycle.
- b) Consumer protection Act.
- c) Prevention of water borne diseases.
- d) Uses of Epidemiology
- e) Home Management of Diabetic Mellitus.

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

[1 × 15 = 15]

- a) What is Sewage? Discuss the aim of Sewage management. Discuss in details about the Modern Sewage treatment.
- b) Define Primary Health care, Discuss the principles of primary health care and staffing pattern for Primary Health Centre

