



62501



First Basic B.Sc. Nursing Examination, May/June 2011
ANATOMY AND PHYSIOLOGY

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

Anatomy

2. Answer the following (any three out of four) : (3×5=15)
- a) Boundaries and content of femoral triangle. 5
 - b) Axillary Lymph nodes. 5
 - c) Supports of uterus. 5
 - d) Tympanic membrane. 5
3. Describe the Hip joint under the following :
- a) Articular surface. 7
 - b) Ligaments. 1
 - c) Movements and muscles participate in movements. 3
4. Describe the Thyroid gland under the following headings :
- a) Relations. 2
 - b) Blood supply. 3
 - c) Applied anatomy. 3

P.T.O.



62501

SECTION - C

Physiology

5. Answer the following (any three out of four) : (3×5=15)
- a) Describe the mechanism of skeletal muscle contraction.
 - b) Factors affecting blood pressure.
 - c) Composition of blood and functions of blood.
 - d) Functions of liver.
6. Discuss composition and functions of pancreatic juice. (1×7=7)
7. Discuss the chemical control of respiration. (1×8=8)



62505

First Basic B.Sc. Nursing Examination, May/June 2011
MICROBIOLOGY

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

2. Answer any five out of six :

(5×3=15)

- a) Bacterial flagella – Draw and label.
- b) Louis Pasteur.
- c) Bacterial growth curve.
- d) Halogens as disinfectants.
- e) Type I Hypersensitivity.
- f) Collection of blood for culture.

3. Answer any three out of four :

(3×5=15)

- a) Pathogenicity of Staphylococcus aureus.
- b) Dermatophytosis.
- c) IgM.
- d) Widal test.

P.T.O.



62505

SECTION - C



Attempt any two out of three :

- | | | |
|--|-----------|----|
| | (2×15=30) | |
| 4. a) Define sterilization and disinfection. | | 3 |
| b) Enumerate the methods of sterilization by heat. | | 4 |
| c) Describe the principle and functioning of the hot air oven. | | 8 |
| 5. a) Classify antigen - antibody reactions. | | 6 |
| b) Describe the various types of agglutination reactions giving suitable examples. | | 9 |
| 6. a) Define hospital acquired infection. | | 3 |
| b) Describe the role of a nurse in the control of hospital infection. | | 12 |



62503



First Basic B.Sc. Nursing Examination, May/June 2011
NURSING FOUNDATION

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

2. Write any five out of six : (5×3=15)
- a) Determinants of health
 - b) Therapeutic environment
 - c) Prevention of bed sores
 - d) Effects of neglected oral hygiene
 - e) Indications for nasal tube feeding
 - f) Functions of hospital.
3. Write any three out of four : (3×5=15)
- a) Hospice care
 - b) Golden rules of bandaging
 - c) Bio-medical waste management
 - d) Nursing responsibility in collection of urine sample for culture.

SECTION - C

4. Attempt any two LAQ out of three : (2×15=30)
- a) Define comfort. 2
 - b) Enlist the causes of discomfort. 5
 - c) Discuss in detail the nursing interventions in pain management. 8

15



5) a) Define nursing process.	2
b) List down the steps of nursing process.	5
c) Prepare a nursing care plan of two priority needs for a patient admitted with fracture femur.	8
	<hr/>
	15
6) a) Define pyrexia.	2
b) List down the various sites used for temperature monitoring.	2
c) Enlist the articles required for tepid sponge.	3
d) Write in detail the nursing interventions for a patient with high fever.	8
	<hr/>
	15