



62501

First Basic B.Sc. Nursing Examination, Summer 2016
ANATOMY AND PHYSIOLOGY

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION – A & SECTION – B

- 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 answerbook for **all** sections.

SECTION – A
(Anatomy)

(42 Marks)

1. Short answer question (**any six** out of seven) : **(6×5=30)**
 - a) Classification of bones according to shape and write it's functions
 - b) Blood supply of heart
 - c) Relations and ligaments of spleen
 - d) Nerve supply of tongue
 - e) Enumerate formation and branches of brachial plexus
 - f) Structures under cover of gluteus maximus muscle
 - g) Functional areas on superolateral surface of brain.

2. Long answer question (**any one** out of two) : **(1×12=12)**
 - a) Describe the uterus under the following heads :
 - i) size, shape, normal position and angulation
 - ii) parts of uterus
 - iii) supports of uterus
 - iv) Applied anatomy.

P.T.O.



- b) Describe the left lung under the following heads :
- i) features
 - ii) root
 - iii) mediastinal surface
 - iv) Applied anatomy.

SECTION – B
(Physiology)

(33 Marks)

3. Short answer question (**any four** out of five) : (4×5=20)
- a) Write a note on sarcomere
 - b) Composition and functions of saliva
 - c) Conducting system of heart
 - d) Mechanisms for body temperature regulation
 - e) Write a note on diabetes mellitus.

4. Long answer question : (1×13=13)
- a) Define and classify Anaemia. 6
 - b) Describe process of urine formation. 7

OR

- Long answer question : (1×13=13)
- c) Enumerate functions of lungs. Add a note on Oxygen-Haemoglobin dissociation curve. 6
 - d) Define Menstrual cycle. Write briefly about phases of menstrual cycle. 7
-



62502

First Basic B.Sc. Nursing Examination, Summer 2016
NUTRITION AND BIOCHEMISTRY

Total Duration : Section A+B = 3 Hours

Total Marks : 75

SECTION – A & SECTION – B

- 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 answerbook for **all** Sections.

SECTION – A

(45 Marks)

(Nutrition)

1. Short answer question (**any five** out of six) : **(5×5=25)**
 - a) Role of nutrition in maintaining health of geriatric client.
 - b) Classification of foods.
 - c) Difference between kwashiorkor and marasmus.
 - d) Deficiency diseases of Iron and its rich dietary sources.
 - e) Integrated Child Development Scheme (ICDS).
 - f) Therapeutic purposes of Naturopathy - Diet.

2. Long answer question (**any two** out of three) : **(2×5=10)**
 - a) Nutritional problems in India.
 - b) Absorption, synthesis and metabolism of minerals.
 - c) Principles of weaning and foods included.

P.T.O.

62502



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

(2×5=10)

- a) Safe food preparation practices.
- b) Role of nurse in nutritional education.
- c) Food additives and its principles.

SECTION – B

(30 Marks)

(Biochemistry)

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

(4×5=20)

- a) Classify carbohydrates with suitable example.
- b) Functions of proteins.
- c) Digestion and absorption of Lipids.
- d) Classify enzymes with suitable examples.
- e) Factors affecting calcium absorption.

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

(1×10=10)

- a) Describe sources, biochemical functions and deficiency manifestation of Vitamin A.
 - b) Explain in detail different types of buffers and role of buffers in maintaining acid base balance.
-



62503

First Basic B.Sc. Nursing Examination, Summer 2016
NURSING FOUNDATION

Total Duration: Section A+B = 3 Hours

Total Marks :75

SECTION – A & SECTION – B

- 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 answerbook for all Sections.**

SECTION – A

(40 Marks)

1. Short answer question (**any five** out of six) : **(5x5=25)**
 - a) Nursing measures to ensure rest and sleep in illness.
 - b) Qualities of a Nurse.
 - c) Care of dying patient.
 - d) Types of comfort devices.
 - e) Asepsis.
 - f) Routes of drug administration.

2. Long answer question (**any one** out of two) : **(1x15=15)**
 - a) Describe causes of bed sore. Name the pressure points. How will you prevent bed sore in a bed ridden client ?
 - b) Describe the common problems of mouth cavity. Name the dentifrices used in mouth care. Nursing responsibilities during mouth care of unconscious client.

P.T.O.



SECTION – B

(35 Marks)

3. Short answer question (**any four** out of five) : (4×5=20)
- a) Nursing as a profession.
 - b) Types of records.
 - c) Hospice Care.
 - d) Care of rubber goods
 - e) Indication of Nasogastric tube feeding.
4. Long answer question (**any one** out of two) : (1×15=15)
- a) Define nursing process. List down any 5 Nursing Diagnosis. Write down the steps of Nursing Process.
 - b) Define Communication. Types of Communication. Barriers of Communication.
-

www.proudofnurses.com



62504

First Basic B.Sc. Nursing Examination, Summer 2016
PSYCHOLOGY

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION – A & SECTION – B

- 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 answerbook for **all** Sections.

SECTION – A

(40 Marks)

1. Short answer question (**any five** out of six) : (5×5=25)
 - a) Define Psychology. Why is it called the science or art ?
 - b) What is Body Mind Relationship ?
 - c) What are the Theories of Learning ?
 - d) What is Aptitude and Attitude ?
 - e) Explain Frustration.
 - f) What is Intelligence ? State its importance for nurses.
2. Long answer question (**any one** out of two) : (1×15=15)
 - a)
 - i) Define Mental Hygiene. 2
 - ii) Explain the principles of Mental Hygiene. 5
 - iii) Discuss in detail the causes for poor Mental Health. 8
 - b)
 - i) Define Emotion. 2
 - ii) Describe the components of an Emotion. 5
 - iii) Explain briefly the different theories of an emotion. 8

P.T.O.



SECTION – B

(35 Marks)

3. Short answer question (**any four** out of five) : (4×5=20)
- a) What are defence mechanisms ?
 - b) What is psycho-social development of Personality ?
 - c) Explain Abraham Maslow's Theory of Motivation.
 - d) What are Habits and Skills ?
 - e) Explain the concept of Counselling.
4. Long answer question (**any one** out of two) : (1×15=15)
- a)
 - i) Define Perception. 2
 - ii) What is the difference between perception and sensation ? 5
 - iii) Explain briefly the principles of perception. 8
 - b)
 - i) Define Memory. 2
 - ii) Discuss about the various types of memory. 5
 - iii) Explain briefly the different factors which can influence memory. 8
-



62505

First Basic B.Sc. Nursing Examination, Summer 2016
MICROBIOLOGY

Total Duration : Section A+B = 3 Hours

Total Marks : 75

SECTION – A & SECTION – B

- 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)

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

(5×5=25)

- a) Grams staining.
- b) Mention different modes of transmission of infection
- c) Bacterial growth curve.
- d) Life cycle of Malaria parasite.
- e) Candidiasis.
- f) Precipitation reaction.

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

(1×15=15)

- a) Mention the modes of transmission of HIV. Write in detail about pathogenesis and Laboratory diagnosis of AIDS.
- b) Define Nosocomial infection. Describe common Nosocomial infections. Role of a nurse in prevention of nosocomial infection.



SECTION – B

(35 Marks)

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

(4×5=20)

- a) Classify culture media with example.
- b) Difference between Active and Passive immunity.
- c) Biomedical waste segregation.
- d) Bacterial Flagella.
- e) Define carrier. Explain different types with examples.

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

(1×15=15)

- a) Define Sterilization and Disinfection. Write characteristics of good disinfectant, Describe uses, structure, functioning of Hot air oven.
- b) Enlist organisms causing respiratory tract infection. Write in detail about pathogenesis and laboratory diagnosis of Tuberculosis.

www.proudfornurses.com