

QP Code:111010

Reg. No:

First Year B.Sc Nursing Degree Examinations October 2017

Anatomy

(2016 Scheme)

Model Question Paper

Time: 3 Hrs

Max. Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essays: (12)

1. Describe the classification of joints. Describe each type with examples. Explain the applied anatomy of synovial joint with suitable examples. (4+4+4)

Short Essays: (2x7 =14)

2. Draw and label the chambers and vessels of heart. Describe the interior of heart in detail. (3+4)
3. Enumerate the parts of respiratory system. Explain the anatomy of lung. (4+3)

Write Short Notes on: (5x5 = 25)

4. Structure of kidney.
5. Types of cartilage
6. Structure of a neuron.
7. Ear ossicles
8. Ventricles of brain

Answer briefly: (4x4=16)

9. List the organs of male and female reproductive system.
10. What are the branches of aorta
11. Enumerate the pituitary hormones
12. Enumerate the cranial nerves

Differentiate between: (2x4=8)

13. Small and large intestine
14. Systemic circulation and pulmonary circulation

QP Code:112010

Reg. No:

First Year B.Sc Nursing Degree Examinations October 2017

Physiology

(2016 Scheme)

Model Question Paper

Time: 3 Hrs

Max. Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essays: (12)

1. Explain the regulation of respiration. Define the lung volumes and capacities with their normal values. (4+4+4)

Short Essays: (2x7 =14)

2. What is menstrual cycle. Briefly explain the changes during menstrual cycle. (3+4)

3. What are the different types of blood groups. Briefly explain the functions of leukocytes. (3+4)

Write Short Notes on: (5x5 = 25)

4. Conducting system of heart.
5. Function of nephron
6. Refractive errors of eye
7. Neuromuscular junction
8. Pregnancy tests

Answer briefly: (3x4=12)

9. What are the functions of CSF
10. Mechanism of urine formation
11. Reflex action

Differentiate between: (3x4=12)

12. Active and passive immunity
13. Enzymes and hormones
14. Erythropoiesis and erytholysis

QP Code:113010

Reg. No:

First Year B.Sc Nursing Degree Examinations October 2017

Microbiology

(2016 Scheme)

Model Question Paper

Time: 3 Hrs

Max. Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essays: (12)

1. Define sterilization and classify sterilizing agents. Explain in detail sterilization by moist heat. Enumerate the role of a nurse in sterilization. (1+2+6+3)

Short essays: (2x7 =14)

2. Describe the morphology, clinical features and laboratory diagnosis of cholera. (1+2+4)
3. Define hospital acquired infections (HAI). Describe the various sources, routes of transmission and the common types of HAI. (1+2+2+2)

Short notes: (5x5=25)

4. Universal precautions
5. Lab diagnosis of pulmonary tuberculosis
6. Innate immunity
7. Microfilaria
8. Candidiasis

Answer briefly: (3x4=12)

9. Prophylaxis of rabies
10. Immunization schedule
11. Bacterial spores

Differentiate: (3x4=12)

12. Live and killed vaccines
13. Agglutination and precipitation
14. Exotoxins and endotoxins

Reg. No:

First Year B.Sc Nursing Degree Examinations October 2017

Nutrition and Biochemistry

(2016 Scheme)

Model Question Paper

Time: 3 Hrs

Max. Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**
- **Write Section A and Section B in separate answer books (32 pages). Do not mix up questions from Section A and Section B**

QP Code:114010

Section A – Nutrition

Marks: 50

Short Essay

(2x7=14)

1. Explain the absorption, digestion and metabolism of carbohydrates
2. Explain the functions, requirements and management of water

Write Short notes

(5x4=20)

3. Plan a diabetic diet for a 60 years old woman with 164 cms tall and 72 kg weight
4. Nutritional problems in India
5. Methods of preservation of nutrients
6. Classification of fats
7. Commercial methods of food preservation

Answer Briefly

(4x4=16)

8. Balance diet.
9. Glycemic index
10. Rickets
11. Prepare a day's menu for a pregnant woman with hypertension

QP Code:115010

Section B – Biochemistry

Marks: 25

Write Short notes:

(2x5=10)

1. How is toxic ammonia converted to non-toxic urea. Explain the process.
2. Write down the normal level of calcium. How is calcium regulated in the body.

Answer Briefly:

(2x3=6)

3. Pellagra
4. Diabetic ketoacidosis

Differentiate between:

(3x3=9)

5. Essential amino acids and non-essential amino acids.
6. Metabolic acidosis and respiratory acidosis
7. Hypokalemia and hyperkalemia

QP Code:116010

Reg. No:

First Year B.Sc Nursing Degree Examinations October 2017

Psychology

(2016 Scheme)

Model Question Paper

Time: 3 Hrs

Max. Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essays:

(12)

1. Explain body mind relationship with suitable examples.

Short essays

(2x7=14)

2. Describe classical conditioning with example.
3. Explain role of nurse in psychological assessment

Short notes

(5x5=25)

4. Defense mechanisms
5. Characteristics of a mentally healthy person
6. Role of nurse in mental health
7. Types of personality
8. Drive theory of motivation

Answer briefly

(6x4=24)

9. Intelligent quotient
10. Heredity and environment
11. Errors in perception
12. Types of aptitude
13. Determinants of attention
14. Factors affecting learning

QP Code:117010

Reg. No:

First Year B.Sc Nursing Degree Examinations October 2017

Nursing Foundations

(2016 Scheme)

Model Question Paper

Time: 3 Hrs

Max. Marks: 100

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essays: (15)

1. Define pressure ulcer. Enumerate the common sites of pressure ulcer. State the risk factors of pressure ulcer. Explain the nursing interventions for the prevention of pressure ulcer. (1+3+4+7)

Short Essay: (2x10=20)

2. Define catheterization. What are the indications of catheterization. Explain the nursing management of a client with continuous bladder drainage. (1+4+5)
3. Define first aid. Enumerate the qualities of first aider. Explain the management of a client with food poisoning. (1+4+5)

Short notes: (5x5=25)

4. Characteristics of profession.
5. Factors affecting pulse rate.
6. Standard safety precautions.
7. Nursing interventions to improve appetite
8. Care of dead body.

Differentiate between the following (5x4=20)

9. Palpation and percussion
10. Injection and infusion
11. Isometric exercise and isotonic exercise
12. Gastric gavage and gastric lavage
13. Source isolation and protective isolation.

List down the following: (5x4=20)

14. Four positions and its purposes.
15. Four principles of medicine administration.
16. Four functions of hospital.
17. Four comfort devices and its purposes.
18. Four values of records.
