

**FIRST YEAR POST BASIC B.Sc NURSING EXAMINATION 2011**

**MODEL QUESTION PAPER**

**BIOCHEMISTRY and BIOPHYSICS**

**Answer Section A and Section B separately**

**Time -3 hours**

**Max Marks-75**

**SECTION- BIOCHEMISTRY**

1. Describe various factors influencing enzyme activity (10marks)

**Write short notes on**

- 2) Body buffers
  - 3) Urea cycle
  - 4) Structure of cholesterol
  - 5) Thyroid hormones
- (5x4=20 marks)

**Write briefly on**

- 6) Transamination
- 7) Ketone bodies
- 8) Gluconeogenesis
- 9) Coenzymes

(2½x4=10 marks)

## SECTION- B      BIOPHYSICS

### Write very short answers

(1x6=6marks)

1. What are fundamental units. Give one example
2. Convert 40° C into Fahrenheit scale.
3. Define the commercial unit of electrical energy.
4. What is a vector quantity. Give one example.
5. State the universal law of gravitation
6. What is ultrasound wave?

### Write briefly on

(2x7=14 marks)

7. Distinguish between mass and weight.
8. State Newton's laws of motion.
9. Give some applications of gravity in nursing.
10. How is body temperature regulated?
11. Explain what is meant by total internal reflection.
12. What is myopia? How is it corrected?
13. Explain what is meant by intracranial pressure.

### Write short notes on

(5x3=15marks)

14. Explain some of the biological and therapeutic effects of light.
15. Discuss the normal waves of an electro encephalogram.
16. Give some uses of radioactive isotopes.

Model question paper  
**FIRST YEAR POST BASIC B Sc NURSING  
EXAMINATION-2011  
PAPER-VII, CHILD HEALTH NURSING**

**Time: 3hours**

**Max Marks: 75**

**Answer all questions**

**Define the following:**

(1 x4=4marks)

1. Temper tantrum
2. Hydrops fetalis
3. Status Epilepticus
4. Kernicterus

**Differentiate between:**

(2 x4=8marks)

5. Epispadias - Hypospadias
6. SGA baby - LGA Baby
7. Parallel play - Onlooker play
8. Nephrotic syndrome - Glomerulonephritis

**Give reasons:**

(2x4=8marks)

9. The child with TOF assumes squatting position
10. Physiological jaundice is common in newborns
11. Accidents are more common among toddlers
12. Surgery for cleft palate is often performed between ages of 1-2 years in children

**Write short notes on**

(7x5=35 marks)

13. Cold chain system
14. IMNCI
15. Tuberculosis
16. Psychosocial Development
17. Hydrocephalus

**Master Arun ,12 years, is admitted in pediatric ward with diagnosis of acute diarrhoeal disease.**

18. Define dehydration (1 mark)
19. Outline signs of dehydration with reference to WHO guidelines (3 marks)
20. Describe the nursing management of Master Arun for the first 24 hours (6 marks)

**Master Vivek ,3years, with the diagnosis of hydronephrosis, is admitted in the pediatric surgical ward after AH pyeloplasty**

21. Define hydronephrosis (1mark)
22. Enumerate the causes of hydronephrosis in children (3marks)
23. Explain the post operative nursing care plan for Master Vivek (6marks)

**Model question paper**

**FIRST YEAR B.Sc NURSING (POST BASIC) EXAMINATION**

**AUGUST 2011**

**PAPER- ENGLISH**

**Time: 3 hrs**

**Max marks: 75 hrs**

**Answer the following questions.**

1. What is communication? Give two barriers of communication
2. What is the purpose of an Anecdotal report?
3. Explain with examples the usage of Present perfect tense and past perfect tense.
4. Which are the four types of sentences?
5. What is the difference between a Seminar and a Panel discussion?

(2X5=10 Marks)

**Give appropriate prepositions.**

6. The meeting will begin ..... 10. A.M.
7. Mohan is coming ..... train
8. The soldier fought ..... courage
9. The patient complained ..... chest pain.
10. The Principal congratulated Ram ..... his success.

(1x5=5 marks)

**Differentiate the meaning of the sentences grouped together.**

11. Manu has been singing since morning.  
Manu has been singing.
12. She lectured for ten years  
She has lectured for ten years
13. The Manager will not attend the meeting today.  
The Manager will not be attending the meeting today.
14. He has gone  
He is gone
15. You have been yawning throughout the lesson  
You were yawning throughout the lesson.

(1x5=5 marks)

**(P T O)**

**Answer the following questions.**

16. Explain the strategies involved in enhancing verbal communication.
17. What are the barriers of verbal communication? Explain
18. Write a letter to the Municipal Chairman of your town on the dilapidated condition of a public monument.
19. Find out the meaning of the words in italics with reference to the context and make sentences of your own.

When I began the work, I expected most of my time to be spent helping students with complex *cognitive* difficulties with their efforts to *grasp* higher concepts or to reproduce *intricate* patterns of argument. It surprised me to discover that the most common complaint of students of all ages is difficulty in organizing and timetabling their work. Many students identify this as a problem fairly soon after *embarking* on a first year at university, but many do not until after examination at the end of their first term. Yet others discuss methods of organizing themselves in something of a rush before *resit* exams. I find out that an increasing number of highly *zealous* graduates come with the same concern soon after joining for a higher degree course that is less structured than anything that is *hitherto* experienced.

20. Fill in the blanks with the correct tense form of the verbs given in bracket.
  - They .....(live) in this town for twenty years when the war broke out. Now they .....(plan) to migrate.
  - The Minister .....(arrive) on Saturday morning and ..... (return) the same day.
  - We ..... (plan) to go to a hill station. Last year we .....(go) to Hyderabad.
  - It .....(rain) heavily for a week. The tanks and wells .....(be) overflowing.
  - At the end of this year, I .....(complete) my studies and .....(join) a new company.
21. Construct a nurse's diary explaining the routine work of a day.
22. Give the twelve tense forms with examples.

(7x5=35 marks)

**Write an essay on given topics in about 250 words**

23. Importance of extracurricular activities in Education Institutions.
24. Influence of Information Technology in various segments of life.

(10x2=20 marks)

**FIRST YEAR POST BASIC BSC NURSING EXAMINATION - 2011**

**MODEL QUESTION PAPER  
PAPER-V, MATERNAL NURSING**

**Time:3 hours**

**Max marks:75**

**Mrs Rajam, 28yrs, primipara, admitted with severe bleeding immediately after delivery**

1. Define PPH
2. Enumerate aetiology of PPH (3 marks)
3. Describe the Preventive measures of PPH
4. Explain Medical and Nursing management of Mrs Rajam (2+3+5+ 10=20 marks)

**Write short notes on**

(7x5=35marks)

- 5) Contracted pelvis
- 6) Nursing management of eclampsia
- 7) Vesicular mole
- 8) Endometriosis
- 9) Vesico vaginal fistula

**Differentiate between**

(3x5=15 marks)

- 10) Foetal axis pressure - General fluid pressure
- 11) Gynaecoid pelvis - Android pelvis
- 12) Physiological jaundice - Pathological jaundice
- 13) Threatened abortion - Missed abortion
- 14) Menorrhagia - Metrorrhagia

**Define**

(1 x5=5marks)

15. Labour
16. Procidencia
17. Ectopic gestation
18. Vasa praevia
19. Pre eclampsia

**First Year Post Basic B.Sc Nursing Degree Examination-2011**  
**PAPER-VIII, MEDICAL SURGICAL NURSING**

Time: 3Hours

Max.Marks:75

**Define the following**

- 1.. Shock
- 2 .Aneurism
3. Psoriasis
4. Cholelithiasis
5. Amputation

( 2x5=10marks)

**Write short notes on**

6. Thoracentesis
7. Portal hypertension
8. Fluid management in burns
9. Increased intracranial pressure
10. Care of patients with tracheostomy
11. Pulmonary edema
12. Care of patients with traction

(7x5=35marks)

**13.Answer the following**

- Define renal failure.
- Explain the causes of acute renal failure
- Enumerate the medical management of acute renal failure
- Prepare a nursing care plan for a patient with renal failure

(2+6+4+8=20marks)

**Differentiate between**

- |                         |                       |
|-------------------------|-----------------------|
| 14 Acute illness -      | Chronic illness       |
| 15.Benign tumor -       | Malignant tumor       |
| 16. Angina pectoris -   | Myocardial infarction |
| 17.General anesthesia - | Spinal anesthesia     |
| 18. Hypothermia -       | Hyperthermia          |

(2x5=10)

**FIRST YEAR B.Sc NURSING (POST BASIC) EXAMINATION  
AUGUST 2011  
MODEL QUESTION PAPER**

**MICROBIOLOGY**

**TIME: 3hrs**

**Max Marks: 75**

1.
  - Describe the clinical features of Filariasis.
  - Write in detail about the life cycle of *Wuchereria bancrofti*.  
(2+8=10marks)
  
2. Describe the Morphology & Life cycle of *Entamoeba histolytica*  
(2+8=10marks)

**Write Short notes on**

3. Food borne intoxication
4. Dermatophytoses
5. Physical methods of sterilization.
6. Bacterial growth curve
7. Genomic structure & pathogenesis of HIV
8. Morphology & pathogenesis of Influenza viruses.
9. Type I hypersensitivity.
10. Laboratory diagnosis of *Vibrio cholerae*  
(5x 8=40marks)

**Write briefly on**

11. Tyndallization
12. Innate immunity
13. Viral hemagglutination
14. Antibiotic
15. Nosocomial infection  
(3x5=15marks)

**First Year Post basic B.Sc. Nursing degree Examination,2011**

**Model question paper  
PAPER-I, NURSING FOUNDATIONS**

**Time 2 Hours**

**Max marks:35**

**Define the following**

1. Nursing
2. Ethics
3. Holistic Nursing
4. Nursing process
5. Hospice

(1x5=5marks)

**Write short notes on**

6. Nursing assessment
7. Expanded role of nurses
8. TNAI
9. Steps in quality assurance

(4x4= 16marks)

**10. Describe the nursing theory of Dorothea Orem**

( 8marks)

**Differentiate between**

11. Dyspnoea--- orthopnoea
12. Nursing diagnosis--- Medical diagnosis
13. Active exercise --- Passive exercise

(2x3=6 marks)

**FIRST YEAR POST BASIC B.Sc. NURSING EXAMINATION-2011**

**MODEL QUESTION PAPER**

**PAPER-II, NUTRITION & DIETETICS**

**Time – 2hrs**

**Max marks- 35**

**1. Answer the following**

- Discuss the Assessment of Nutritional Status of children
- Describe the factors affecting the nutritional status of children

(5+5=10marks)

**Write Short Notes on**

2. Guidelines for Diet Planning
3. Diet in renal disorders
4. Carbohydrates and its Classification
5. Mid-day meal Programme & ICDS
6. Peptic ulcer & its Dietary Management

(4x5=20 marks)

**Define the following**

- 7) Malnutrition
- 8) Weaning
- 9) Obesity
- 10) Dietetics
- 11) Balanced diet

(1x5=5marks)

**FIRST YEAR B.Sc NURSING (POST BASIC) EXAMINATION  
AUGUST 2011**

**MODEL QUESTION PAPER**

Time – 3hrs

Max Marks- 75

**PSYCHOLOGY**

1.

- Define mental health
- Describe the characteristics of a mentally healthy person
- Discuss briefly the psychoanalytical theory of Sigmund Freud

(1+4+5= 10marks)

2.

- Define learning
- Enlist laws of learning
- Discuss the factors influencing learning

(1+4+5= 10marks)

**Write the short notes on**

3. Mental retardation
4. Various forms of memory
5. Changes in Emotion
6. Types of conflict
7. Psychological needs of individuals at different ages
8. Projective tests to assess personality
9. Assessment of intelligence
10. Methods in psychology

(5x8=40marks)

**Write briefly on**

11. Perception
12. Frustration
13. Motivation.
14. Intelligence
15. Distraction

(3x5=15 marks)