

POST BASIC B.Sc. NURSING I YEAR ANNUAL  
EXAMINATION 2009-10

Course Code:PBN101

Paper ID: 0151101

**Nursing Foundation**

Time: 3 Hours

Max. Marks: 75

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Explain **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Team Nursing.
  - b) Nursing audit
  - c) Different approaches to care
  - d) Expanded roles of the Nurse
  - e) Meta-paradigm of Nursing
  - f) Needs of the old age.
  - g) Code of ethics in Nursing
  - h) Concept of Health and illness
2. Discuss the Nursing education in India today. (12)
3. What are the legal and ethical issues in nursing practice? (12)
4. a) Define stress. What are the various effects of stress on individual's health? (6)  
b) How can you as a nurse reduce the stress among the patients? (6)
5. Discuss the components of Nursing process briefly and explain how it helps in providing the quality care. (12)
6. What is quality assurance? How nursing standard help in maintaining quality assurance? (12)
7. Explain the role of a Nurse in various levels of health services. (12)
8. List down the Nursing theories. Explain any one theory briefly. (12)

POST BASIC B.Sc. NURSING I YEAR ANNUAL  
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Course Code:PBN102

Paper ID: 0151102

**Nutrition and Dietetics**

Time: 3 Hours

Max. Marks: 75

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Explain **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Food Hygiene.
  - b) Balanced diet.
  - c) Weaning.
  - d) Malnutrition.
  - e) What are the nutrients? Describe the main types of nutrients.
  - f) Importance of Nutrition and dietetics in nursing.
  - g) Enlist the major nutritional problems in India.
  - h) Describe the functions of carbohydrates in human body.
2. a) What are vitamins? (2)  
b) Write the classification, functions and sources of vitamins. (10)
3. a) What do you mean by 'modification of diets'? (4)  
b) Discuss the various techniques of feeding in hospitalized patients. (8)
4. What are the various methods of Nutritional assessment? Discuss in detail. (12)
5. a) What is cooking? (3)  
b) Describe the benefits and methods of cooking. (6)  
c) Effects of cooking on food constituents. (3)
6. What is an electrolyte? How are water and electrolytes regulated in our body? (12)
7. a) What is BMR and how is it determined? (5)  
b) Describe various factors affecting BMR. (7)
8. Enlist various factors affecting food and nutrition. Describe cultural factors in detail. (12)

**POST BASIC B.Sc. NURSING I YEAR ANNUAL  
EXAMINATION 2009-10**

**Course Code: PBN103**

**Paper ID: 0151103**

**Biochemistry and Biophysics**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Question paper is divided into two sections 'A' and 'B'. Attempt any six questions in all. Q. No. 1 of both sections is compulsory. For remaining 4 questions, 2 questions from section A and 2 questions from section B are mandatory.*

**Section 'A' (Biochemistry)**

1. Briefly discuss **any three** of the following (limit your answer in 50 words): (2.5x3=7.5)
  - a) Salient features of a Eukaryotic Cell
  - b) Functions of water in the body
  - c) Enzymes involved in lipid digestion
  - d) Metabolic Fates of Glucose
  - e) Essential amino acids
2. Briefly discuss the factors affecting enzyme activity. Enumerate the diagnostic applications of enzymes. (8+7)
3. Briefly discuss the regulation of blood glucose level. Write a note on Glucose Tolerance Test (GTT). (10+5)
4. Briefly outline the role of liver in lipid metabolism. Enumerate the biological importance of cholesterol. (7+8)

**Section 'B' (Biophysics)**

1. Briefly discuss **any three** of the following (limit your answer in 50 words): (2.5x3=7.5)

- a) Derived Units
- b) Vector motion
- c) Specific Gravity
- d) Static Forces
- e) Relative Humidity

2. Outline the effects of heat on matter. Briefly discuss the regulation of body temperature. (5+10)
3. Write a note on normal arterial and venous pressures. Briefly discuss about pace makers and defibrillators. (5+10)
4. Briefly discuss about radioisotopes, their uses and protection from radiation hazards. (15)

**POST BASIC B.Sc. NURSING I YEAR ANNUAL  
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**Course Code: PBN104**

**Paper ID: 0151104**

**Psychology**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Explain **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Sublimation: The Major Mental Mechanism.
  - b) Nature of conflicts
  - c) Major and prominent method of Psychology.
  - d) Characteristics of mentally healthy person.
  - e) Binet's contribution in the measurement of intelligence.
  - f) Implications of individual difference in Nursing.
  - g) Role of attitudes in health and sickness.
  - h) Forgetting during sickness.
2. Define the term "Anxiety reduction". How does it facilitate the doctor as well as the patient during the physical sickness? (12)
3. Write an essay on the topic "Measure of improving memory or memory training". (12)
4. Discuss the meaning and nature of personality. How do the "Projective Techniques" measure the personality? (12)
5. "In attention only some stimuli or objects are in the focus of consciousness". Explain the above statement in the context of attention, with the help of proper illustrations. (12)
6. Sketch the following diagrams only with proper labeling:
  - a) Human Eye (6)
  - b) Human Ear (6)
7. What are the major psychological aspects of nursing? "The knowledge of psychology facilitates in nursing" to what an extent do you agree with the statement? (12)
8. Write an essay on the topic "Mental hygiene and mental health". (12)

**POST BASIC B.Sc. NURSING I YEAR ANNUAL  
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**Course Code: PBN105**

**Paper ID: 0151105**

**Midwifery and Obstetrical Nursing**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Explain **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Hydatidiform mole.
  - b) Hyperemesis gravidarum.
  - c) Oxytocin drugs.
  - d) Ectopic pregnancy.
  - e) False labour.
  - f) MTP.
  - g) False Pelvis.
  - h) Positive sign of Pregnancy.
2. Define Antepartum. Describe care during normal antepartum period. (2+10)
3. Define true labour. Describe management of 2nd stage of labour. (2+10)
4. Describe the management of puerperal infection. (12)
5. Describe signs and symptoms of pregnancy. (12)
6. Describe your role in MCH clinic. (12)
7. Define Pregnancy induced hypertension (PIH). Enumerate nursing management of PIH. (12)
8. Describe the management of threatened abortion. (12)

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**Course Code: PBN106**

**Paper ID: 0151106**

**Paediatric Nursing**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Explain **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Internationally accepted rights of the child.
  - b) National Immunization Schedule.
  - c) Characteristics of newborn.
  - d) Photo Therapy.
  - e) Club Feet.
  - f) Spina Bifida.
  - g) Reflexes in newborn.
  - h) Diarrhea.
2. a) Define Bronchial Asthma. (2)  
b) List the causes of Bronchial Asthma. (4)  
c) Discuss the nursing management of child with Bronchial Asthma. (6)
3. a) What is the effect of Hospitalization on the child? (5)  
b) Discuss the role of a Child Health Nurse in caring for a hospitalized child. (7)
4. a) Define Anemia. (3)  
b) Write the types and causes of anemia. (5)  
c) Write about the management of anemia. (4)
5. Differences between an adult and child. (12)
6. a) Define KMC. (2)

- b) List down the component of KMC. (4)
- c) Describe the benefits of KMC. (6)

7. a) List the common Behavioural problems in children. (5)  
b) Discuss the management of any two (2) of the Behavioural Problems. (7)
8. a) Define Child Guidance Clinic. (4)  
b) Write the welfare services for challenged children in India. (8)

**POST BASIC B.Sc. NURSING I YEAR ANNUAL  
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**Course Code: PBN107**

**Paper ID: 0151107**

**Microbiology**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Write short notes on **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Gram Staining.
  - b) Lawn Culture.
  - c) Local Immunity.
  - d) Nagler's Reaction.
  - e) Inclusion Bodies.
  - f) Germ Tube Test.
  - g) Giardia Lamblia.
  - h) Peptone Water.
2. Enumerate various methods of sterilization. Write about hot air oven. (12)
3. Write about acquired immunity. What are various types of acquired immunity? Write differences in active and passive immunity. (12)
4. Write various routes of HIV infection. Write opportunistic infections in AIDS. (12)
5. What is UTI (Urinary Tract Infection). Write organisms causing UTI. Write sample collection and laboratory diagnosis of UTI. (12)
6. What is Flagella? What is structure and functions of flagella? How will you demonstrate flagella? (12)
7. What are Nosocomial infections? Write various organisms causing Nosocomial infections. Role of Nurse in controlling nosocomial infection. (12)
8. What are various culture methods? Write about Mc Intosh and Fildes jar for anaerobic culture. (12)

**POST BASIC B.Sc. NURSING I YEAR ANNUAL  
EXAMINATION 2009-10**

**Course Code: PBN108**

**Paper ID: 0151108**

**Medical Surgical Nursing**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

1. Write short notes on **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) Hypovolemic Shock
  - b) Skeletal Traction.
  - c) Hemodialysis.
  - d) Radiotherapy and its hazards.
  - e) Cystitis.
  - f) Pernicious Anemia.
  - g) Orchitis.
  - h) Ascitis.
2. Mr. Satish, aged 55 years, Hypertensive since 5 years is admitted in unconscious stage with diagnosis of Cerebro- Vascular Accident (C.V.A)
  - a) Define and explain Pathophysiology of C.V.A. (3)
  - b) Enlist the clinical manifestations of C.V.A. (2)
  - c) Describe the medical and nursing management for Mr. Satish. (7)
3. a) Describe the Pathophysiology of Myocardial Infarction (M.I) (3)
  - b) Differentiate the clinical Manifestations of Angina and M.I. (3)
  - c) Describe the management and nursing care of M.I. (6)
4. Mrs. Tewari, Aged 25 years is admitted as a case of intestinal obstruction and had colostomy.
  - a) Enlist the etiology of intestinal obstruction. (2)

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**Course Code: PBN109**

**Paper ID: 0151109**

**English**

**Time: 3 Hours**

**Max. Marks: 75**

*Note: Attempt six questions in all. Q. No. 1 is compulsory.*

- b) Explain the Pathophysiology and clinical manifestations of intestinal obstruction. (3)
- c) Prepare nursing care plan for Mrs. Tewari (7)
- 5. Mr. Gupta, aged 40 years is admitted in I.C.U. with stab wound injury chest and having Hemopneumo Thorax. He is on ventilator and has chest drainage.
  - a) Define respiratory failure. (1)
  - b) Explain chest drainage and ventilators. (5)
  - c) Prepare a nursing care plan for Mr. Gupta. (6)
- 6. a) Differentiate between Benign and Malignant Tumour. (3)
- b) Explain the staging of Malignant Breast Tumour. (3)
- c) Describe chemotherapy and its side effects and nurses role. (6)
- 7. a) Describe Hyperthyroidism. (2)
- b) Enlist the clinical manifestations of Hyperthyroidism. (3)
- c) Describe the pre and post-operative management of thyroidectomy. (7)
- 8. a) Enumerate the various types of Arthritis. (4)
- b) Describe the Etiology, Clinical Manifestations and Management of any one type of Arthritis. (8)

- 1. Answer **any five** of the following (limit your answer in 50 words). (3x5=15)
  - a) What is an adverb?
  - b) What is an idiom?
  - c) Give two synonyms of the word 'Test'.
  - d) What is a panel discussion?
  - e) What are 'Nurse's Notes'?
  - f) What are essential components of writing a summary?
  - g) What do you understand by 'Verbal' communication?
  - h) What is a debate?
- 2. 'Summary' is not just a paraphrase of the original writing. Elucidate with a suitable example. (12)
- 3. Write 5 sentences using 'Project' as a noun and 5 sentences with 'Project' as a verb. (12)
- 4. Elucidate with an example, what you understand about 'Note Taking'. (12)
- 5. What are some differences in written and oral report writing? (12)
- 6. Give tips on how to prepare Task-Oriented Seminars? (12)
- 7. Write Bullet points for and against the debate Topic: "Common Wealth Games is a waste of the capital's Money". (12)
- 8. Mention the characteristics of a Good Report. (12)