

## MANIPAL UNIVERSITY

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2010

SUBJECT: CHILD HEALTH NURSING (BSN - 303)

Wednesday, September 15, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

**Answer ALL the following questions:**

1. Describe the growth and development of a preschooler under the following headings.

- 1A. Physical growth
- 1B. Psychosocial and Psychosexual development
- 1C. Health promotion of the preschooler

(3+6+4 = 13 marks)

2. Master Shamanth, 8 months old is admitted to the ward with complaints of cyanosis while crying, dyspnea and slow weight gain. He is diagnosed as having Tetralogy of Fallot (TOF)

- 2A. Explain the abnormalities of TOF
- 2B. Describe the pathophysiology of TOF
- 2C. Explain the nursing management for any three prioritized nursing diagnosis.

(4+2+6 = 12 marks)

3. **Write short notes on the following:**

- 3A. Drug calculation in pediatric nursing practice
- 3B. Advantages of breast-feeding
- 3C. Difference between term and preterm newborn
- 3D. Clinical assessment for bacterial infection based on IMNCI ( Integrated Management of Neonatal and Childhood Illnesses) for a sick infant below 2 months of age.
- 3E. Causes and Classification of burns in children
- 3F. Rickets
- 3G. Nursing management of an exceptional child

(5×7 = 35 marks)

4. **Choose the single best answer from the following:**

4A. The restraint used for the examination of the head and neck in infants is

- a) Arm
- b) Elbow
- c) Jacket
- d) Mummy

4B. Psychosocial developmental theory is proposed by

- a) Freud
- b) Erickson
- c) Piaget
- d) Sullivan

4C. The problem of separation anxiety initially occur during the

- a) Anal stage
- b) Latency stage
- c) Oral stage
- d) Phallic stage

- 4D. The newborn's mechanism for maintaining thermoregulation is by  
a) Non shivering thermogenesis      b) Shivering thermogenesis  
c) Using radiant warmer              d) Using protective clothing
- 4E. The telescoping of a portion of intestine into an adjacent more distal section is known as  
a) Pyloric stenosis                      b) Hirschsprung's disease  
c) Intussusception                      d) Volvulus
- 4F. Kernig's sign is a clinical manifestation of  
a) Encephalitis                          b) Meningitis  
c) Encephalocele                        d) Meningocele
- 4G. The ratio of breaths to compression while giving one rescuer CPR for an infant is  
a) 2: 15                                      b) 1:15  
c) 1:5                                         d) 2:5
- 4H. Blalock-Taussig shunt is performed in  
a) ASD                                        b) Coarctation of aorta  
c) VSD                                        d) Tetralogy of fallot
- 4I. The most common causative organism for glomerulonephritis is  
a) Staphylococci                         b)  $\beta$  - hemolytic streptococci  
c) Meningococci                         d) Pneumococci
- 4J. The deficiency of Factor VIII causes  
a) Thalassemia                              b) Hemophilia A  
c) Sickle cell anemia                      d) Hemolytic anemia
- 4K. Hypocalcemic tetany is a complication in the deficiency of  
a) Amino acids                              b) Proteins  
c) Vitamin A                                 d) Vitamin D
- 4L. The deformity in which the heel is turned outward from the midline of the leg is termed as  
a) Talipes varus                              b) Talipes valgus  
c) Talipus equinovalgus                  d) Talipes calcaneovarus
- 4M. German measles is otherwise known as  
a) Chickenpox                              b) Mumps  
c) Measles                                    d) Rubella
- 4N. Cyclophosphamide is a  
a) Alkylating agent                        b) Antibiotic  
c) Antimetabolite                         d) Plant alkaloid
- 4O. Most complex and severe Tic disorder is known as  
a) Tourette syndrome                      b) Down syndrome  
c) Fragile X syndrome                      d) Klinefelter's syndrome

(1×15 = 15 marks)



**MANIPAL UNIVERSITY****THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2010****SUBJECT: MEDICAL SURGICAL NURSING – II (BSN - 301)**

Tuesday, September 14, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

- ✗ Answer ALL the questions.
- ✗ Give illustrations wherever necessary.

**1. Choose the Single Best Response for the following questions.**

- 1A. Localized otitis externa is caused by
- a) Bacteria
  - b) Fungus
  - c) Reactive infection
  - d) Virus
- 1B. Cytosan is
- a) Alkalyting agent
  - b) Anti metabolite drug
  - c) Anti-tumor antibiotics
  - d) Vinca alkaloids
- 1C. Ewing's sarcoma is a conacerous tumor of the
- a) Blood vessel
  - b) Lymph vessel
  - c) Endothelial lining
  - d) Lymph tissue
- 1D. All of the following measures are used to decrease brain edema, **except**:
- a) Dextrose infusion
  - b) Hydrocortisone
  - c) Hyperventilation
  - d) Mannitol infusion
- 1E. Barbiturates are used in the treatment of increased ICP to induce coma in order to
- a) Decrease metabolic demand
  - b) Increase metabolic demand
  - c) Neutralize metabolic demand
  - d) Normalize metabolic demand
- 1F. 5-Fluorouracil belongs to the following category
- a) Alkylating agent
  - b) Antimetabolites
  - c) Anti tumor antibiotics
  - d) Plant alkaloids
- 1G. In the resuscitation of a patient with cardiac arrest, the rescuer first attempts for
- a) chest compression
  - b) defibrillation of the heart
  - c) establish a patent airway
  - d) mouth to mouth breathing
- 1H. In which of the following types of food poisoning, should a blood sample to be sent to the laboratory for examination?
- a) Staphylococcal food poisoning
  - b) Botulism
  - c) Compylobacteriosis
  - d) Salmonllosis
- 1I. Toxic shock syndrome is caused by
- a) Staphalococcus aureus
  - b) Streptococcus
  - c) Beta hemolytic Streptococci
  - d) Pseudomonas

- 1J. Hay fever is caused by the exposure to
- |                 |                  |
|-----------------|------------------|
| a) Pollen       | b) domestic dust |
| c) Insecticides | d) fertilizers   |
- 1K. Which one of the following formulae for calculating fluid replacement in burn injury does **not** include Ringer Lactate?
- |                            |                     |
|----------------------------|---------------------|
| a) Evans formula           | b) Brooke formula   |
| c) Modified Brooke formula | d) Parkland formula |
- 1L. Irreversible skin damage which occurs at the center portion burn injury is called as
- |                        |                   |
|------------------------|-------------------|
| a) Zone of Hyperemia   | b) Zone of Stasis |
| c) Zone of Coagulation | d) Zone of injury |
- 1M. Which of the following drugs constricts the pupil
- |                 |                |
|-----------------|----------------|
| a) cycloplegics | b) miotics     |
| c) mydriatics   | d) antibiotics |
- 1N. Anterior uveitis is also known as
- |                  |                 |
|------------------|-----------------|
| a) Cyclitis      | b) Episcleritis |
| c) Iridocyclitis | d) Panuveitis   |
- 1O. Cataract occurs due to
- |                                     |                                    |
|-------------------------------------|------------------------------------|
| a) Increased CO <sub>2</sub> uptake | b) Increased O <sub>2</sub> uptake |
| c) Reduced CO <sub>2</sub> uptake   | d) Reduced O <sub>2</sub> uptake   |

(1×15 = 15 marks)

2. **Short notes:**

- 2A. Voice rehabilitation of a client who has undergone Total Laryngectomy
- 2B. Refractive errors
- 2C. Pre menstrual syndrome
- 2D. Rehabilitation of patient with burns
- 2E. Nursing management of a patient with hemorrhagic shock
- 2F. Role of nurse for care of elderly
- 2G. Legal aspects of critical care

(5×7 = 35 marks)

3. Answer the following question in relation to radiation as a mode treatment for cancer:

- 3A. Classify radiation therapy
- 3B. Explain the procedure of Brachytherapy
- 3C. Specify the nursing management of patient with radiation therapy

(4+3+5 = 12 marks)

4. Answer the following in relation to CVA:

- 4A. List the causes of CVA
- 4B. Explain the Pathophysiology
- 4C. Discuss the rehabilitative management of a client with CVA

(3+4+6 = 13 marks)



**MANIPAL UNIVERSITY****THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2010****SUBJECT: MENTAL HEALTH NURSING (BSN - 305)**

Monday, September 13, 2010

Time: 10:00 – 13:00 Hrs.

Maximum Marks: 75

**1. Choose the Single Best Answer for each of the following:**

- 1A. Large number of psychiatric nurses and teaching psychiatry in Nursing curriculum was recommended by \_\_\_\_\_ committee
- a) Bhore    b) Mudaliar  
c) Karthar singh                                      d) Bajaj
- 1B. Awareness of being ill and failure in social adjustment due to own irrational feeling, yet does not apply to current experiences is \_\_\_\_\_ insight
- a) Emotional    b) Intellectual  
c) Personal    d) Irrational
- 1C. American Nurses Association brought out the Psychiatric Nursing standards in the year \_\_\_\_\_
- a) 1988    b) 1972  
c) 1979    d) 1970
- 1D. In the technique of therapeutic communication, expanding the discussion on the topic of importance is \_\_\_\_\_
- a) Sharing perception                                b) Clarification  
c) Broad opening                                      d) Focusing
- 1E. Client oriented psychotherapy was introduced by \_\_\_\_\_
- a) Aaron Beck    b) Carl R Rogers  
c) Sigmund Freud                                      d) Carl Gustav Jung
- 1F. First rank symptoms of Schizophrenia was described by \_\_\_\_\_
- a) Kurt Schneider                                      b) Emil Kraepelin  
c) Eugen Bleuler                                        d) Kurt Lewin
- 1G. Severe depression which occurs between the age of 40 to 65 years is named by Kraepelin as \_\_\_\_\_
- a) Maked depression                                b) Involutional Melancholia  
c) Neurotic Depression                              d) Secondary Mania
- 1H. 'Obsessions are conditioned stimuli to anxiety' was explained by \_\_\_\_\_ theory
- a) Psychodynamic                                      b) Biological  
c) Biochemical                                         d) Behavioral
- 1I. Inflicting pain to self by others for the sexual arousal is termed as \_\_\_\_\_
- a) Sadism     b) Fetishism  
c) Masochism                                         d) Transvestism

- 1J. Lack of accuracy in the use of speech sounds despite normal language skills is termed as \_\_\_\_\_
- a) Dysphasia                                      b) Dyslalia  
c) Dyscalculia                                     d) Dyspraxia
- 1K. If the person confronts the work assignment, which is beyond his residual intellectual capacity, and going into sudden rage state is termed as \_\_\_\_\_
- a) Anxiety reaction                              b) Abreaction  
c) Aversion                                         d) Catastrophic reaction
- 1L. Establishment of state and central mental health authorities is described in \_\_\_\_\_ chapter of Indian Mental Health Act.
- a) First    b) Second  
c) Third    d) Fourth
- 1M. The place usually located within the hospital campus itself but not having the regular services of a hospital is \_\_\_\_\_
- a) Half way homes                                b) Sheltered home  
c) Quarterly home                                d) Home care programme
- 1N. Specific protection of vulnerable populations is goal of \_\_\_\_\_ prevention.
- a) Primary    b) Secondary  
c) Tertiary                                         d) Primordial
- 1O. Therapeutic skills and roles of a psychiatric nurse was described by \_\_\_\_\_
- a) Maxwell Jones                                b) Linda Richards  
c) Hildegard Peplau                              d) Bimla Kapoor

(1×15 = 15 marks)

- 2A. List the common types of Phobic disorders.  
2B. Explain the etiological factors of Phobic disorder.  
2C. Describe the management of Phobic disorder.

(3+6+4 = 13 marks)

- 3A. What do you mean by Dementia?  
3B. State the classification of dementia.  
3C. Explain the Etiological factors of dementia.

(2+4+6 = 12 marks)

4. **Write short notes on the following:**

- 4A. Role of limbic system in human behavior  
4B. Areas of Mental Status Examination  
4C. Biofeedback  
4D. Difference between Mania and Depression  
4E. Homosexuality  
4F. Techniques of crisis intervention  
4G. Mental Health Agencies

(5×7 = 35 marks)

