**B.Sc.(N) [2nd Year]**

BF/2016/03

# Sociology

 [New Scheme w.e.f. 2006]

**Time : 3 Hours Max Marks : 75**

Note : Attempt all questions.

1. (i). (a) Define Social Group. [2]

(b) What are the characteristics of Social Groups. [3]

 (c) Examine the need of group life to the individual. [10]

**OR**

 (ii). (a) Define Culture. [2]

 (b) How does culture influence an individual. [3]

 (c) Why should a nurse know about the culture of her patient. [10]

2. (a) What are the functions of a family. [4]

 (b) Discuss the importance of a family. [4]

 (c) What are the problems of a modern family. [7]

3. (a) Discuss the problems of women in modern India. [5]

(b) Discuss the importance of education in imposing health status of women in India. [5]

4. (a) Describe the social causes of population explosion. [5]

(b) Describe the methods to prevent population explosion. [5]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]

 (a) Relationship of sociology with Nursing.

 (b) Characteristics of primary group.

 (c) Conflict.

 (d) Dowry System.

 (e) Juvenile Delinquency.

 (f) Social Change.

 (g) Social factors influencing health status.

--------------------

**B.Sc.(N) [2nd Year]**

BF/2016/03

**Pharmacology, Pathology, Genetics**

 [New Scheme w.e.f. 2006]

**Time : 3 Hours Max Marks : 75**

*Note:* **USE SEPARATE ANSWER SHEET FOR EACH SECTION.**

**SECTION-A** **[38 Marks]**

[**PHARMACOLOGY**]

Note: Attempt all questions.

1. (i) (a) Explain Pharmacodynamics. [4]

 (b) Enumerate Benzodiazepines along with their therapeutic uses and adverse effects. [3]

 (c) Write briefly about rational uses of drugs. [3]

**OR**

 (ii) (a) Name Antiretroviral drugs along with their mechanism of action and adverse

 effects. [4]

(b) First Pass Metabolism. [3]

 (c) Enumerate Anti- Cholinergic drugs along with their uses. [3]

2. (a) Enumerate Oral Anti- diabetic drugs along with their adverse effects and uses. [4]

(b) Role of nurses in the administration of Insulin. [3]

(c) Role of nurse in administration of Morphine. [3]

3. **Write short notes on [any SIX] of the following :** [6x3=18]

 (a) Different routes of Drug Administration.

(b) Antiamoebic Drugs.

(c) Intravenous Anaesthetic Agents.

(d) Fluro Quinolones.

 (e) Chloroquine.

(f) Oral Anticoagulants.

 (g) Vitamin A preparation and their uses.

 (h) Name Antihistamines and write their therapeutic uses.

.

 **SECTION-B**  **[37 Marks]**

[**PATHOLOGY**]

1. (a) Write differences between Benign and Malignant Tumours. [3]

 (b) Describe Physical Examination of Urine. [3]

(c) Discuss Prothrombin Time (PT). [4]

2. **Write Explanatory Notes on any FIVE of the following** : [5x3=15]

(a) Pulmonary Tuberculosis (b) Rheumatic Heart Disease

 (c) Laboratory diagnosis of Meningitis (d) Carcinoma of Endometrium

 (e) Blood Grouping & Cross-Matching (f) Renal Cell Carcinoma

 (g) Wound Healing

  **[GENETICS]**  **[12 Marks]**

3. **Write short notes on any FOUR of the following**: [4x3=12]

 (a) Mitosis and Meiosis. (b) Prenatal Nutrition and Food allergies.

 (c) Sex Linked Inheritance. (d) Genetic Counselling along with Legal

 and Ethical Issues.

 (e) Genetic Haemochromatosis. (f) Screening for Genetic Abnormalities.

-----------------**B.Sc.(N) [2nd Year]**

BF/2016/03

**Community Health Nursing-I**

 [New Scheme w.e.f. 2006]

**Time : 3 Hours Max Marks : 75**

*Note: Attempt all questions.*

1. (i) (a) Describe Epidemiological triad. [5]

(b) Discuss descriptive approach of epidemiology in detail. [5]

(c) Explain the role of a community health nurse in application of epidemiology in community health nursing practice. [5]

 **OR**

 (ii) (a) Discuss spacing methods of birth control. [8]

(b) Describe different strategies a community health nurse can use for controlling population of her assigned community. [7]

2. (a) Enlist sexually transmitted infections. [2]

(b) Discuss the dynamics of transmission of sexually transmitted infections in an industrial town. [6]

(c) Discuss the role of community health nurse in prevention and management of sexually transmitted infections in her assigned community. [7]

3. (a) Mention the characteristics of an ideal house. [5]

(b) Explain the effects of poor housing on the health of an individual. [5]

4. (a) Discuss the risk factors of non-communicable diseases ? [5]

(b) Discuss the role of community health nurse in prevention and management of coronary heart diseases in an urban community. [5]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]

(a) Obesity.

 (b) Immunization.

 (c) Impact of status of women on health.

(d) Explain the impact of socio cultural practices in determining health of an individual.

 (e) Milk hygiene.

 (f) Infant mortality rate.

 (g) DOTS (Direct Observed Treatment Short course).

---------------

**B.Sc.(N) [2nd Year]**

 BF/2016/03

**Communication and Educational Technology**

 [New Scheme w.e.f. 2006]

**Time : 3 Hours Max Marks : 75**

*Note: Attempt all questions.*

1. (i) (a) Define 'Education'. [2]

 (b) Describe about Communication Process. [4]

 (c) Write about effective techniques of Communication. [9]

 **OR**

 (ii) (a) Define 'Human-relation '. [2]

 (b) State about Social behaviour, motivation and social attitudes. [6]

 (c) Discuss about how to develop human relations in context of nursing. [7]

2. (a) Differentiate between Guidance and Counselling. [4]

 (b) State the Counselling Process. [5]

 (c) Write some issues for Counselling a nursing student. [6]

3. (a) Define 'A.V. aids'. [2]

(b) Discuss about the different types of educational media for Teaching/ Learning purpose. [8]

4. (a) Define 'evaluation'. [2]

(b) Discuss about the criteria for selection of assessment techniques and methods used in Nursing Education. [8]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]

 (a) Multiple Choice Questions.

 (b) Grafic Aids.

 (c) Nursing Rounds.

 (d) Check- List.

 (e) Motivation.

 (f) Projected Aids.

 (g) Flash- Cards.

--------------------

**B.Sc.(N) [2nd Year]**

BF/2016/03

**Medical Surgical Nursing-I**

 [New Scheme w.e.f. 2006]

**Time : 3 Hours Max Marks : 75**

*Note: Attempt all questions.*

1. **A patient is admitted in medical ward with diagnosis of Nephrotic Syndrome**.

(a) What is Nephrotic Syndrome. [2]

(b) Explain pathophysiology along with sign and symptoms of Nephrotic Syndrome. [6]

 (c) Discuss in detail management of the patient. [7]

**OR**

(ii) **Mr. Sunil is admitted in hospital with the diagnosis of Liver Cirrhosis.**

 (a) What is etiology of Liver Cirrhosis. [2]

(b) Explain pathophysiology along with sign and symptoms and complications of Liver Cirrhosis. [6]

(c) Discuss medical, dietary and nursing management of Mr. Sunil. [7]

2. **Mr. Raju, 30 year old met with road side accident and is admitted in Trauma Ward with multiple fractures.**

(a) What are the types of Fractures. [2]

 (b) Write down the complications of Fracture. [5]

 (c) Discuss in detail management of patient with Fractures. [8]

3. (a) What are the types of Anaemia. [5]

 (b) Write nursing responsibilities for a patient getting Blood Transfusion. [5]

4. (a) Discuss sign and symptoms of Diabetes insipidus and its management. [5]

(b) What are the complications of Diabetes Mellitus and Home Care to prevent these complications. [5]

5. **Write Explanatory Notes on any FIVE of the followings :** [5x5=25]

 (a) Eczema.

 (b) Management of Chronic Renal Failure.

 (c) Meningitis.

 (d) Standard Safety Precautions.

 (e) Types and Methods of Anaesthesia.

 (f) Colostomy Care.

 (g) Barium Tests.

-----------------