

**MANIPAL UNIVERSITY****SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 201 – SOCIOLOGY (ESSAY)**

Friday, June 16, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

 **Answer ALL questions.**

1. Describe family under the following headings:

- 1A. Definition
- 1B. Types of family
- 1C. Functions of family

(2+4+6 = 12 marks)

2. Describe social disorganization under the following headings:

- 2A. Definition
- 2B. Types of social disorganization
- 2C. Reasons for social disorganization

(2+5+6 = 13 marks)

3. **Write Short Notes on the following:**

- 3A. Nature of culture
- 3B. Difference between primary and secondary group
- 3C. Causes of population explosion in India
- 3D. Origin of caste system in India
- 3E. Features of rural community
- 3F. Availability of health facilities in rural areas and their impact on health and health practices
- 3G. Types of social system

(5 marks × 7 = 35 marks)



**MANIPAL UNIVERSITY****SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 202 – MEDICAL SURGICAL NURSING – I (ESSAY)**

Monday, June 19, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL the questions and give illustrations wherever necessary.**

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

- 1A. Clinical features of hypokalemia
- 1B. Medical management of tuberculosis
- 1C. Complications of liver cirrhosis
- 1D. Pathophysiology of nephrotic syndrome
- 1E. Signs and symptoms of adrenal insufficiency
- 1F. Types of malignant melanoma
- 1G. Infection control measures followed in Operation Theatre

(5 marks × 7 = 35 marks)

2. Mr. X, 45 years, is admitted to the CCU with the complaints of chest pain, low BP, decreased urine output, cold and clammy skin, weak pulse and is diagnosed to have cardiogenic shock. Explain the following in relation to cardiogenic shock.

- 2A. Pathophysiological changes in Mr. X
- 2B. Write seven immediate nursing interventions for Mr. X with rationale

(6+7 = 13 marks)

3. Explain the following in relation to Aneurysm

- 3A. Classification
- 3B. Clinical manifestations
- 3C. Surgical management

(4+4+4 = 12 marks)



## MANIPAL UNIVERSITY

## SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

## SUBJECT: BSN 204 – PHARMACOLOGY, PATHOLOGY AND GENETICS (ESSAY)

Thursday, June 22, 2017

Time: 10:30 – 13:00 Hrs.

Max. Marks: 45

✍ Answer Section 'A' and Section 'B' in TWO separate answer books.

**SECTION 'A': PHARMACOLOGY (23 MARKS)**

## 1. Answer the following:

- 1A. Explain two factors affecting bioavailability.
- 1B. Mention two uses and two adverse effects of domperidone.
- 1C. Explain mechanism of action of competitive neuromuscular blockers.
- 1D. Mention two uses and two adverse effects of hydrochlorothiazide.
- 1E. Mention two agents used each as surface anesthetic and infiltration anesthetic.
- 1F. Explain pharmacological basis of using sublingual nitroglycerine in acute attack of angina.
- 1G. Mention adverse effects and contraindications of hormonal contraceptives.

(2 marks × 7 = 14 marks)

## 2. Answer the following:

- 2A. Name two aminopenicillins. Enumerate four differences between them.
- 2B. Classify drugs used in bronchial asthma. Explain mechanism of action of any one group.
- 2C. Mention sources, functions and deficiency symptoms of vitamin A.

(3 marks × 3 = 9 marks)

**SECTION 'B': PATHOLOGY & GENETICS (22 MARKS)**

## 1. Write short answers:

- 1A. Difference between transudative and exudative edema
- 1B. Types of aneurysm
- 1C. Risk factors for Cholelithiasis
- 1D. Basic types of chromosomes based on position of the centromere.
- 1E. Huntington's disease.

(2 marks × 5 = 10 marks)

## 2. Write short notes:

- 2A. Wound healing by secondary intention.
- 2B. Pathological changes of chronic bronchitis
- 2C. Pathogenesis of meningitis
- 2D. Karyotyping

(3 marks × 4 = 12 marks)



**MANIPAL UNIVERSITY****SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 206 – COMMUNICATION AND EDUCATIONAL TECHNOLOGY (ESSAY)**

Saturday, June 24, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL the questions.**

✍ **Draw or illustrate wherever necessary.**

1. Answer the following in relation to Information Education and Communication under the following headings:

1A. What are the most commonly selected subjects/contents for health education and discuss any three in detail.

1B. Enlist aims and objectives of health education.

(8+4 = 12 marks)

2A. Techniques of discussion.

2B. Advantages and disadvantages (Any four).

(9+4 = 13 marks)

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

3A. Purposes and characteristics of specific objectives

3B. Steps for arranging a field trip

3C. Barriers of interpersonal relations

3D. Theories of Motivation

3E. Purposes of evaluation

3F. Principles of Guidance

3G. Types of charts

(5 marks × 7 = 35 marks)



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## MANIPAL UNIVERSITY

### SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017

#### SUBJECT: BSN 205 – COMMUNITY HEALTH NURSING – I (ESSAY)

Tuesday, June 27, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

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1. Discuss the “**Community waste management**” under the following headings:

- 1A. Storage of waste
- 1B. Collection of waste
- 1C. Disposal of waste

(2+4+6 = 12 marks)

2. Explain “**Hepatitis B**” under the following headings:

- 2A. Epidemiological triad
- 2B. Mode of transmission
- 2C. Clinical symptoms and diagnosis
- 2D. Prevention of hepatitis B

(3+3+4+3 = 13 marks)

3. **Write short answers to each of the following:**

- 3A. Strategies of health maintenance
- 3B. Cohort study
- 3C. Upper Respiratory tract infections
- 3D. Types of anaemia
- 3E. Causes of population explosion
- 3F. Barrier methods of contraception
- 3G. Women empowerment

(5 marks × 7 = 35 marks)

