

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2014****SUBJECT: BSN 206 – COMMUNICATION AND EDUCATIONAL TECHNOLOGY (ESSAY)**

Monday, September 22, 2014

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ Answer ALL the questions:

1. Discuss health education under the following headings:

1A. Aims

1B. Levels

(5+8 = 13 marks)

2. Compare the following teaching methods:

2A. Seminar and symposium

2B. Case study and case incident technique

2C. Demonstration and simulation

(4 marks × 3 = 12 marks)

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

3A. Barriers in interpersonal relationships

3B. Characteristics of group

3C. Counseling process

3D. Phases of bedside clinic

3E. Principles of AV aids

3F. Difference between formative and summative evaluation

3G. Qualities of educational objectives

(5 marks × 7 = 35 marks)

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2014****SUBJECT: BSN 204 – PHARMACOLOGY, PATHOLOGY AND GENETICS (ESSAY)**

Saturday, September 20, 2014

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. Mention three uses and three common adverse effects for metronidazole.
- 1B. Name two inhalational corticosteroids used in the treatment of bronchial asthma. Explain the basis for the use of salbutamol in bronchial asthma.
- 1C. Write briefly on vitamin B₁₂.

(3 marks × 3 = 9 marks)

2. Answer the following:

- 2A. Enumerate two advantages and two disadvantages of intravenous route of drug administration.
- 2B. Mention two antiemetic drugs of different classes. Explain the mechanism of action of any one.
- 2C. Give two examples for peripherally acting skeletal muscle relaxants and mention two uses for the same.
- 2D. List two angiotensin converting enzyme inhibitors. What are the two important adverse effects with this group of drugs?
- 2E. Mention one potassium sparing diuretic. Why is it combined with thiazide in the treatment of hypertension?
- 2F. Name two antithyroid drugs. Mention two uses of the same.
- 2G. Explain infiltration anesthesia with suitable example.

(2 marks × 7 = 14 marks)

SECTION 'B': PATHOLOGY & GENETICS (22 MARKS)**3. Write short notes:**

- 3A. Pathogenesis of edema
- 3B. Types of urinary calculi
- 3C. Classification of breast cancer
- 3D. Clinical features of Down syndrome
- 3E. Sex linked inheritance – features and examples

(2 marks × 5 = 10 marks)

4. Write short notes:

- 4A. Mechanism of reversible cell injury
- 4B. Stages of lobar pneumonia
- 4C. Pathological changes in osteomyelitis
- 4D. What is genetic consultation? How are genetic conditions diagnosed?

(3 marks × 4 = 12 marks)

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2014****SUBJECT: BSN 205 – COMMUNITY HEALTH NURSING – I (ESSAY)**

Thursday, September 18, 2014

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ Answer ALL the questions.

1. Discuss the following in relation to housing:

- 1A. Social goals
- 1B. Standards
- 1C. Indicators

(3+6+3 = 12 marks)

2. Discuss Hook worm infestation under the following headings:

- 2A. Environmental factors
- 2B. Effects of the disease
- 2C. Prevention and control

(4+3+6 = 13 marks)

3. Write short notes on the following:

- 3A. Septic tank
- 3B. DOTS in Tuberculosis
- 3C. Steps of randomized controlled trial
- 3D. Types and causes of accidents
- 3E. Factors influencing population growth
- 3F. Barrier methods in family planning
- 3G. Measures to promotion of small family norm

(5 marks × 7 = 35 marks)

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2014****SUBJECT: BSN 201 – SOCIOLOGY (ESSAY)**

Wednesday, September 17, 2014

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ Answer ALL the questions.

1. Answer the following in relation to 'Marriage':

- 1A. Characteristics
- 1B. Purposes
- 1C. Functions

(3+5+4 = 12 marks)

2A. Explain the forms of child abuse

2B. Enumerate the factors contributing to child abuse

2C. Describe the measures taken to control and prevent child abuse

(5+3+5 = 13 marks)

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

3A. Cultural beliefs against health

3B. Types of audience

3C. Preventive checks of controlling population

3D. Features of class

3E. Region and health problems

3F. Major social changes in society

3G. Types of social system

(5 marks × 7 = 35 marks)

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2014****SUBJECT: BSN 202 – MEDICAL SURGICAL NURSING – I (ESSAY)**

Tuesday, September 16, 2014

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. Non pharmacological management of pain
- 1B. Medical management of emphysema
- 1C. Causes of intestinal obstruction
- 1D. Pathophysiology of nephrotic syndrome
- 1E. Complications of diabetes mellitus
- 1F. Types of alopecia
- 1G. Phases of general anesthesia

(5 marks × 7 = 35 marks)

2. Mr. X aged 60 years, businessman was admitted in cardiac ward with the complaints of chest tightness, shortness of breath and fatigue. On examination there was tachypnea, tachycardia, jugular venous distension and pedal edema (present) he is diagnosed to have Congestive Cardiac Failure (CCF). Answer the following in relation to CCF

- 2A. Pathophysiology
- 2B. Pharmacological management
- 2C. Four primary nursing interventions required immediately to manage Mr. X.

(4+5+4 = 13 marks)

3. Explain the following:

- 3A. Bone healing process
- 3B. Complications of fracture

(6+6 = 12 marks)