

Reg. No.

MANIPAL UNIVERSITY

SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPT/OCT 2017
SUBJECT: BSN 206 – COMMUNICATION AND EDUCATIONAL TECHNOLOGY (ESSAY)

Tuesday, September 26, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL the questions.**

- 1A. Objectives of health education.
- 1B. Principles of health education.
- 1C. Approaches to health education.

(2+5+6 = 13 marks)

- 2A. Define discussion.
- 2B. Classification of discussion.
- 2C. Values of discussion.

(2+6+4 = 12 marks)

3. **Write short notes on:**

- 3A. Types of interpersonal relationship
- 3B. Significance of human relation in nursing
- 3C. Phases of crisis
- 3D. Elements of course plan
- 3E. Purposes of lecture method
- 3F. Benefits of using cartoon as A.V aid
- 3G. Types of scales to measure attitude

(5 marks × 7 = 35 marks)



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SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPT/OCT 2017

SUBJECT: BSN 201 – SOCIOLOGY (ESSAY)

Wednesday, September 27, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

Answer ALL questions.

- 1A. Explain the types of families.
1B. Describe functions of family.

(7+5 = 12 marks)

- 2A. Explain the problems faced by the elderly in India.
2B. Enumerate the type of elderly abuse.
2C. Describe the measures to be taken to overcome the problems of elderly.

(5+4+4 = 13 marks)

3. Write the short notes on the following:

- 3A. Different aspects of Individualization
3B. Features of tribe
3C. Reasons for migration
3D. Ethnic groups of India
3E. Characteristics of social change
3F. Factors contributing to the growth of the cities
3G. Types of social organization

(5 marks × 7 = 35 marks)



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

Thursday, September 28, 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. Medical management of hyperkalemia
- 1B. Pathophysiology of pneumonia
- 1C. Complications of liver cirrhosis
- 1D. Health education for a patient with recurrent urinary tract infection
- 1E. Diagnostic tests of thyroid disorder
- 1F. Types of psoriasis
- 1G. Responsibilities of a scrub nurse in the OT

(5 marks × 7 = 35 marks)

2. Mr. X, a 35 years businessman, met with an accident and had fracture of shaft of left femur, was treated by internal fixation and immobilization of the limb. There after he had many visits to the hospital as there was nonunion and infection of the fracture site. This time he is admitted with the complaints of pain, fever and a discharging sinus over the left thigh and he is diagnosed to have osteomyelitis. Explain the following in relation to osteomyelitis.

- 2A. Pathophysiology
- 2B. Seven nursing interventions with rationale for Mr. X

(6+7 = 13 marks)

3. Explain the following in relation to dilated cardiomyopathy:

- 3A. Pathophysiology
- 3B. Medical management

(6+6 = 12 marks)



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SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPT/OCT 2017

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

Wednesday, October 04, 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. Define drug synergism with one example.
- 1B. Explain the mechanism of action of omeprazole and mention its adverse effects.
- 1C. Explain the pharmacological basis for the use of adrenaline in anaphylactic shock.
- 1D. Name two diuretics. Explain the mechanism of action of any one of them.
- 1E. Mention two uses and two adverse effects of Sodium Valproate.
- 1F. Explain the pharmacological basis of nitroglycerine in angina pectoris.
- 1G. Name two insulin preparations. Mention two adverse effects.

(2 marks × 7 = 14 marks)

2. Answer the following:

- 2A. Mention the common toxicities of anticancer drugs.
- 2B. Mention two drugs used for the treatment of bronchial asthma. Outline the mechanism of action and adverse effects of any one of them.
- 2C. Write briefly on physiological role and therapeutic uses of Vitamin K.

(3 marks × 3 = 9 marks)

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

1. Write short answers:

- 1A. Types of necrosis
- 1B. Extra-cardiac lesions of rheumatic fever
- 1C. Risk factors for renal calculi
- 1D. Oncogenes and tumor suppressor genes
- 1E. X linked pattern of inheritance

(2 marks × 5 = 10 marks)

2. Write Short notes:

- 2A. Mechanism of edema
- 2B. Pathological changes in lobar pneumonia
- 2C. Pathogenesis of thrombus formation
- 2D. Alleles of the human ABO blood group system and the genotypes underlying each blood group.

(3 marks × 4 = 12 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPT/OCT 2017****SUBJECT: BSN 205 – COMMUNITY HEALTH NURSING – I (ESSAY)**

Thursday, October 05, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ Answer ALL the questions.**1. Explain the following in relation to food preservation and consumption:**

- 1A. Food adulteration
- 1B. Food fortification
- 1C. Prevention and Food adulteration Act

(4+4+4 = 12 marks)

2. Describe Leprosy under the following headings:

- 2A. Epidemiological factors
- 2B. Mode of transmission
- 2C. Control measures

(4+3+6 = 13 marks)

3. Write short notes on the following:

- 3A. Prevention and control of air pollution
- 3B. Natural history of disease transmission
- 3C. Clinical management for diarrhoea
- 3D. Control measures of typhoid fever
- 3E. Assessment and hazards of obesity
- 3F. Classification of Hormonal contraceptives
- 3G. Complications of Intra Uterine Devices

(5 marks × 7 = 35 marks)

