

MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2013****SUBJECT: BSN 204 – PHARMACOLOGY, PATHOLOGY AND GENETICS (ESSAY)**

Thursday, September 12, 2013

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 two examples for aminoglycosides. Outline four common features of the same.
- 1B. Mention two drugs used for the treatment of bronchial asthma. Outline the steps involved in administration of a drug using a rotahaler.
- 1C. Outline the general principles involved in treatment of drug poisoning. Mention two examples for chelating agents.

(3×3 = 9 marks)

2. Answer the following:

- 2A. Mention two advantages of sublingual route of drug administration. Give two examples of drugs administered by this route.
- 2B. Mention two purgatives and two antidiarrhoeal drugs.
- 2C. Mention two peripheral skeletal muscle relaxants and enlist two indications for the same.
- 2D. Mention two potassium sparing diuretics and enlist two indications for the same.
- 2E. Explain two disadvantages of halothane as a general anesthetic.
- 2F. Mention the drug of choice and route of administration in an acute attack of angina. Mention two adverse effects for the same.
- 2G. Outline two indications and two contraindications for the use of corticosteroids.

(2×7 = 14 marks)

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

- 3A. Name four plasma derived mediators of inflammation
- 3B. Complications of myocardial infarction
- 3C. Complications of meningitis
- 3D. Infectious teratogens
- 3E. Sickle cell anaemia

(2×5 = 10 marks)

4. Write short notes on:

- 4A. Necrosis
- 4B. Carcinoma lung
- 4C. Atherosclerosis
- 4D. Gene therapy

(3×4 = 12 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2013****SUBJECT: BSN 201 – SOCIOLOGY (ESSAY)**

Friday, September 13, 2013

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

Answer ALL questions.

1. Write in detail the advantages and disadvantages of nuclear family with examples. (12 marks)
- 2A. Define juvenile delinquency.
- 2B. Explain the causes of juvenile delinquency.
- 2C. Describe the measures taken to control and prevent juvenile delinquency. (1+6+6 = 13 marks)
3. **Write short notes on the following:**
 - 3A. Characteristics of a society
 - 3B. Characteristics of a secondary group
 - 3C. Unconscious forms of fertility control
 - 3D. Classification of biological human races
 - 3E. Features of a village community
 - 3F. Nature of social change
 - 3G. Elements of social organization(5×7 = 35 marks)



MANIPAL UNIVERSITY

SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2013

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

Saturday, September 14, 2013

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL questions.**

1. Discuss the “**Sewage**” under the following headings:

- 1A. Difference between sewage and sullage
- 1B. Primary and secondary treatment
- 1C. Oxidation pond

(2+7+3 = 12 marks)

2. Explain the “**Malaria**” under the following headings:

- 2A. Epidemiological triad
- 2B. Diagnosis and Treatment
- 2C. Prevention and its control

(5+5+3 = 13 marks)

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

- 3A. Health Promotion
- 3B. Case control study
- 3C. Direct Observed Short Course Chemotherapy (DOTS)
- 3D. Protein energy malnutrition
- 3E. Stages of demography
- 3F. Terminal methods of contraception
- 3G. Women empowerment

(5×7 = 35 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2013****SUBJECT: BSN 206 – COMMUNICATION AND EDUCATIONAL TECHNOLOGY (ESSAY)**

Tuesday, September 17, 2013

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

- ✍ **Answer ALL questions. Illustrate your answer wherever applicable.**
- ✍ **Draw diagrams, tables or flow charts wherever applicable.**

- 1A. Classify exhibition. List five purposes for organizing an exhibition.
- 1B. Discuss three differences between exhibition and field trip methods of teaching.
(2+5)+6 = 13 marks)
- 2A. Define health education.
- 2B. Describe the steps in planning for health education.
(2+10 = 12 marks)
3. **Write short notes on the following:**
- 3A. Principles of curriculum development (any five)
- 3B. Phases of Interpersonal relations
- 3C. Purposes of organizing counseling services in educational institutes
- 3D. Theories of motivation
- 3E. Guidelines to construct Multiple Choice Questions
- 3F. Sources of Audio Visual Aids
- 3G. Using radio programs for classroom instruction
(5×7 = 35 marks)



MANIPAL UNIVERSITY**SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2013****SUBJECT: BSN 202 – MEDICAL SURGICAL NURSING – I (ESSAY)**

Wednesday, September 18, 2013

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. Management for hypernatremia
- 1B. DOTS therapy
- 1C. Causes of mal-absorption syndrome
- 1D. Clinical features of benign prostatic hypertrophy
- 1E. Health education plan for patient with diabetes mellitus on life style modifications
- 1F. Types of superficial mycoses
- 1G. Standard safety measures used in intra operative nursing

(5×7 = 35 marks)

2. Explain the following in relation to Aortic Aneurysm:

- 2A. Classifications
- 2B. Clinical manifestations
- 2C. Surgical management

(4+4+4 = 12 marks)

3. Mr. X, 45 years, an electrician by profession had a fall from the transformer, he was brought to the trauma centre and diagnosed to have multiple fractures of the femur, tibia fibula and also the hip is affected. Orthopedic surgeon has asked him to go for an amputation. Explain the following in relation to amputation:

- 3A. Levels of amputation.
- 3B. Write seven pre and post-operative nursing interventions with rationale.

(6+7 = 13 marks)

