B. Sc. NURSING SECOND YEAR SUPPLEMENTARY EXAMINATION, MARCH 2016

COMMUNICATION & EDUCATION TECHNOLOGY
PAPER – FIRST

[Time allotted: Three hours] **[Max Marks: 75]**
Note: Attempt all Sections.

SECTION – A

Q. 1. Write Short Answer on **ALL** of the following: (5 x 2 = 10)
   a) Teaching

   b) Any four types of communication.

   c) Information

   d) Four aims of Education

   e) Guidance

SECTION – B

Q. 2. Write Short Notes on **ANY NINE** of the following. (9 x 5 = 45)
   a) Micro teaching

   b) Process of communication

   c) Cognitive domain

   d) Group discussion

   e) Types of Interpersonal relationship

   f) Short answer questions

   g) Group dynamics

   h) Function of Education

   i) Quality of Teacher

   j) Three dimensional A.V. aids

SECTION – C

Attempt **ANY TWO** of the following.

Q. 3. a) Enumerate clinical teaching methods
       b) Explain in detail any two clinical methods of teaching. (3+7 =10)

Q. 4. Explain in detail any two methods of health education. (5+5=10)

Q. 5. a) Define lesson planning.
       b) Benefits of lesson planning
       c) Discuss elements of lesson planning (2+3+5 = 10)

'** ***"

B. Sc. NURSING SECOND YEAR SUPPLEMENTARY EXAMINATION, MARCH - 2016

COMMUNITY HEALTH NURSING-I
PAPER – SECOND

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q.1 Write Short Answers on **ALL** of the following: **(5 x 2 = 10)**

    a. Zoonoses

    b. Incubation period

    c. Measles

    d. Family planning

    e. Eligible couples

SECTION – B

Q.2 Write Short Notes on **ANY NINE** of the following.   **(9 x 5 = 45)**

    a) Classification of contraceptive methods

    b) Dimensions of health

    c) Epidemiology & nursing management of typhoid fever

    d) Eugenics

    e) Food Adulteration Act

    f) Marriage system in India

    g) Mode of disease transmission

    h) Women empowerment

    i) Epilepsy

    j) Food Preservation

SECTION – C

Attempt **ANY TWO** of the following.

Q.3 Explain the population explosion , its impact on society and how it may be controlled.   **(3+3+4 = 10)**

Q.4 a) What do you mean by epidemiology ?

    b) Explain the methods of epidemiological studies in detail.   **(2+8 = 10)**

Q.5 Explain components and structure of community.   **(5+5 = 10)**

'** ***'

B. Sc. NURSING SECOND YEAR SUPPLEMENTARY EXAMINATION, MARCH 2016

MEDICAL SURGICAL NURSING - I
PAPER – THIRD

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.

Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write Short Answers on **ALL** of the following: **(5 x 2 = 10)**

   a) Immunity

   b) Vomiting

   c) Lung abscess

   d) Leukemia

   e) Fracture

SECTION – B

Q. 2. Write Short Notes on **ANY NINE** of the following.   **(9 x 5 = 45)**

   a) Peritoneal Dialysis.

   b) Health education on prevention of AIDS.

   c) Role of nurse for bed ridden patient.

   d) Health education for Diabetes mellitus.

   e) Pathophysiology of ESRD (End Stage of Renal Disease).

   f) Care of surgical patient in post operative phase.

   g) Wound healing process.

   h) Use of Personal protective equipment

   i) Types of shock.

   j) Segregation of Bio medical waste in hospital.

SECTION – C

Attempt **ANY TWO** of the following.

Q. 3. Mrs. Shyama, 40 yrs old is admitted in cardiac unit with medical diagnosis of Myocardial Infarction
(MI). Define, enlist clinical manifestations and explain nursing management of Myocardial Infarction.

                                                                       (2+4+4= 10)

Q. 4. Mr. Ratiram aged 35yrs is a referred case admitted in general surgery ward with open colostomy.
Define colostomy and write about colostomy care for Mr. Ratiram.   **(3+7 = 10)**

Q. 5. Mr. Ram Kumar 32yrs old, admitted in surgery ward with medical diagnosis cholelithiasis, is
posted for cholecystectomy. Define cholelithiasis and write post-operative nursing management for Mr. Ram
Kumar based on nursing process.   **(3+7 = 10)**

‘** ***”

B. Sc. NURSING SECOND YEAR SUPPLEMENTARY EXAMINATION, MARCH 2016

PHARMACOLOGY, PATHOLOGY & GENETICS
PAPER – FOURTH

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write Short Answers on **ALL** of the following: **(5 x 2 = 10)**

   a) Bolus dose

   b) Antacids

   c) Anabolic steroids

   d) Dysphagia

   e) Mutation

SECTION – B

Q. 2. Write Short Notes on **ANY NINE** of the following.   **(9 x 5 = 45)**

   a) Antihistamines

   b) Mucolytics

   c) Treatment regimens of Sexually Transmitted Diseases

   d) Diuretics

   e) Non- steroidal anti inflammatory drugs

   f) Methods of Gram Staining

   g) Routes of spread of infection

   h) Phases of wound healing

   i) Characteristics and structure of gene

   j) Chromosomal aberrations

SECTION – C

Attempt **ANY TWO** of the following.   **(2 x 10 = 20)**

Q. 3. Define antibiotic and explain in detail Sulphonamide group.

Q. 4. Define injury. Explain the cellular and tissue changes occurring in injury or infection

Q. 5. Discuss the prenatal testing and diagnosis in detail.

'** ***"

B. Sc. NURSING SECOND YEAR SUPPLEMENTARY EXAMINATION, MARCH 2016

SOCIOLOGY
PAPER – FIFTH

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1.   Write Short Answers on **ALL** of the following: (5 x 2 = 10)

   a)   Borstal School

   b)   Founder of Horizontal and Vertical group

   c)   Difference between organized delinquency and group supported delinquency

   d)   Cultural diffusion.

   e)   The Medical Termination of Pregnancy Act

SECTION – B

Q. 2.   Write Short Notes on **ANY NINE** of the following.   (9 x 5 = 45)

   a)   Difference between class and estate system.

   b)   Difference between reference group and primary group

   c)   Marriage and its types.

   d)   Social control and its types.

   e)   Child labor and its types.

   f)   Community and its elements.

   g)   Causes of drug addiction.

   h)   Psychotherapy and milieu therapy.

   i)   Difference between developmental socialization and re socialization.

   j)   Difference between narcotics and nicotine.

SECTION – C

Attempt **ANY TWO** of the following.

Q. 3.   Define socialization. Discuss its types and various agents of socialization with example.   **(10)**

Q. 4.   Discuss Juvenile delinquency, its types, causes and consequences.   **(10)**

Q. 5.   Define race. Discuss its various types and characteristics.   **(10)**

'** ***"

B. Sc. NURSING SECOND YEAR SUPPLEMENTARY EXAMINATION,
MARCH 2016
ENVIRONMENTAL SCIENCE
PAPER – SIXTH

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.

Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write Short Answers on **ALL** of the following: **(2 x 5 = 10)**

   a) Resource

   b) Noise

   c) Ganga action plan

   d) Soil erosion

   e) Ecosystem

SECTION – B

Q. 2. Write Short Notes on **ANY NINE** of the following.   **(9 x 5 = 45)**

   a) Role of an individual in conservation of natural resources

   b) Nuclear hazards

   c) Impact of air pollution on atmosphere

   d) Vermicomposting

   e) Geothermal energy

   f) Ecological productivity

   g) Thermal pollution

   h) Biodiversity measurement

   i) Rooftop rain water harvesting

   j) Mining impact on forest resource

SECTION – C

Attempt **ANY TWO** of the following.

Q. 3. Define water pollution. Discuss the sources, impacts and control method of marine pollution.
                    (2+3+2.5+2.5 = 10)

Q. 4. Discuss the structure and functions of forest ecosystem. Write a detail note on 'influence of anthropogenic activities on forest resource' and also provide some options for avoiding forest degradation.   **(4+3+3 = 10)**

Q. 5. What do you understand by Disaster Management? Throw some light on flood mitigation strategies.
                    (5+5 = 10)

'** ***"

Regn. No. ....

BASIC B. SC. NURSING SECOND YEAR EXAMINATION AUG./ SEPT. - 2016
COMMUNICATION AND EDUCATION TECHNOLOGIES
PAPER - FIRST

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

(5 x 2 = 10)

Q. 1. Write Short Answers on **ALL** of the following:

a) Communication

b) Guidance

c) Microteaching

d) Learning

e) Projected aids

SECTION – B

(9 x 5 = 45)

Q. 2. Write in brief on **ANY NINE** of the following.

a) Computer assisted teaching

b) Types of Attitude scale

c) Benefits of power point Presentation

d) Types of Interpersonal relationship

e) Methods for communicating health messages

f) Seminars

g) Methods of counseling

h) Lesson Planning

i) Multiple Choice Questions (MCQ)

j) Class room Management

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. Define Assessment. Write down the purposes and methods for assessment of knowledge.   (2+3+5 = 10)

Q. 4. Define education. Discuss aims of education and explain functions of education.   (2+4+4=10)

Q. 5. Define Educational Media. Write down the purposes of AV aids and various Sources of Audio Visual Aid.   (2+4+4=10)

(4)

Course Code: BSN202

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./ SEPT. - 2016

COMMUNITY HEALTH NURSING -I

PAPER – II

[Max Marks: 75]

[Time allotted: Three hours]

Note: Attempt all Sections.

SECTION – A

(5 x 2 = 10)

Q. 1. Write Short Answers on __ALL__ of the following:

   a) Immunity

   b) Eugenics

   c) Carrier

   d) Leptospirosis

   e) Incubation period

SECTION – B

(9 x 5 = 45)

Q. 2. Write in brief on __ANY NINE__ of the following.

   a) Nursing management of Diabetes mellitus

   b) Demographic cycle

   c) Food adulteration act

   d) Methods of refuse disposal

   e) Health benefits for elderly in India

   f) Levels of prevention

   g) Immunization schedule

   h) Health Indicators

   i) Filariasis

   j) Elements of primary health care

SECTION – C

Attempt __ANY TWO__ the following.

(3+3+4 = 10)

Q. 3. Discuss diagnosis, treatment and prevention of malaria.

Q. 4. a) Define Epidemiology.

(2+8 = 10)

   b) Describe in brief different methods of epidemiology.

(5+5 = 10)

Q. 5. Discuss prevention and management of Diarrhoeal diseases.

(6)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./ SEPT. - 2016
MEDICAL SURGICAL NURSING - I
PAPER – THIRD

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1.   Write Short Answer on **ALL** of the following: **(5 x 2 = 10)**

    a) Any two immediate post operative complications
    b) Compartment syndrome
    c) Post operative complication of Gastrectomy
    d) Types of shock
    e) Types of hernia

SECTION – B

Q. 2.   Write in brief on **ANY NINE** of the following: **(9 x 5 = 45)**

    a) Dietary management in hepatitis
    b) Non pharmacological measures for management of pain
    c) Hypothyroidism
    d) Scabies.
    e) AIDS
    f) Standard safety measures
    g) Biomedical waste management.
    h) Types of Anaemia
    i) Osteoporosis
    j) Stages of wound healing

SECTION – C

Attempt **ANY TWO** the following.

Q. 3.   **a)** Define myocardial infarction and enumerate the causes of myocardial Infarction.   **(2+3+5 = 10)**
    b) Explain pathophysiology of myocardial infarction
    c) Write post operative management of a patient with angioplasty based on nursing process.

Q. 4.   Mr. A, 50 year old male is admitted in surgery ward with the diagnosis of intestinal obstruction
                                                                         (3+2+5 = 10)

    a) List out the causes of intestinal obstruction
    b) Write the clinical manifestations of intestinal obstruction
    c) Describe preoperative and postoperative nursing care for this patient

Q. 5.   Mr. B, 45 year old male is admitted with the diagnosis of acute renal failure.   **(2+2+6 = 10)**
    a) Enlist the causes of renal failure.
    b) Write stages of renal failure.
    c) Discuss medical and nursing management of acute renal failure.

Regn. No. ....

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./ SEPT. - 2016

PHARMACOLOGY, PATHOLOGY & GENETICS

PAPER – FOURTH

[Max Marks: 75]

[Time allotted: Three hours]

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A (Pharmacology)

(4 x 2 = 8)

Q. 1. Write short answers on **ALL** of the following

    a) Ayurveda
    b) Nitrates
    c) Sedatives
    d) Demulcents

(4 x 5 = 20)

Q. 2. Write in brief:

    a) Cardiotonics (Cardiac Glycosides): (Mechanism of action, indication, two drug examples, contraindication & adverse effect).
    b) Antithyroid Drugs: (Mechanism of Action, indication, three drug examples, adverse effect, contraindication and drug interaction).
    c) Homeopathy.
    d) Cholinergics in G.I. Systems (Mechanism of action, indication, two drug examples, contraindication & adverse effect).

(10)

Q. 3. Write an Essay on the following.

    a) Bronchodilators: Adrenergic agonists or sympathomimetics (Mechanism of action, indications, drug examples, contraindication, adverse effect, drug interaction, & nursing responsibilities).

SECTION – B – Pathology [25marks] & Genetics [12marks]

(6 x 2 = 12)

Q. 4. Write short answers on **ALL** of the following
    a) Ischemia
    b) Morphology
    c) Parasite
    d) Infertility
    e) Cyst
    f) Genes

(5 x 5 = 25)

Q. 5. Write in brief:
    a) Process of wound healing
    b) Pathogenesis of peptic ulcer
    c) Difference between malignant & benign tumors
    d) Neural tube defect
    e) Genetic Therapy

(9)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION AUG./ SEPT. - 2016

SOCIOLOGY
PAPER – FIFTH

[Time allotted: Three hours]

[Max Marks: 75]

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write Short Answers on **ALL** of the following: **(5 x 2 = 10)**

    a) Formal Social Control with examples.

    b) Civilization (definition)

    c) Drug Addiction (definition)

    d) Endogamy in caste

    e) Tribe (definition)

SECTION – B

Q. 2. Write in brief on **ANY NINE** of the following.   **(9 x 5= 45)**

    a) Characteristic features of urban community.

    b) Distinguish between culture and civilization.

    c) Estates and its types.

    d) Major problems of the elderly.

    e) Characteristics of sociology as a science.

    f) Physiography of Uttarakhand.

    g) Custodial process of juvenile delinquents.

    h) Structure of PRI in India.

    i) Role conflict in nursing.

    j) Difference between Negros and Caucasoids.

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. Define Social group. Explain its types.   **(2+8=10)**

Q. 4. Define Race. Explain its various types with example.   **(2+8=10)**

Q. 5. Discuss various changes taking place in stratification in contemporary India.   **(10)**

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./ SEPT.- 2016

ENVIRONMENTAL SCIENCE
PAPER – SIXTH

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write Short Answers on **ALL** of the following: (5 x 2 = 10)

   a) Soil complex

   b) Differentiating features between food chain and food web

   c) Humus (definition)

   d) Lungs of forest

   e) e-waste

SECTION – B

Q. 2. Write in brief on **ANY NINE** of the following.   (9 x 5 = 45)

   a) Solar energy and its two applications.

   b) Hazardous waste

   c) Causes of soil degradation

   d) Deforestation and its impact on nature

   e) Groundwater pollution

   f) Disaster, Hazard and Vulnerability (definitions) and capacity building in disaster management.
                                                                   (1+1+1+2)

   g) Role of individual in conservation of water resource

   h) Impact of noise pollution on human health

   i) Landfill method for waste management.

   j) Differentiating features of Thermal Shock and Thermal Enrichment

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. What do you understand by global warming? Discuss its major impacts on earth.   (5+5 = 10)

Q. 4. Define air pollution. Discuss sources, impact and control methods of air pollution.

                                                                             (2+3+2.5+2.5 = 10)

Q. 5. Define biodiversity and discuss significance of biodiversity for human wellness.   (5+5 = 10)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY - 2017

PHARMACOLOGY, PATHOLOGY & GENETICS
PAPER – FOURTH

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A
PHARMACOLOGY (38 Marks)

Q. 1. Write short answers on the following: (2 x 4 = 08)

    a) Calcium channel blockers
    b) Antihypertensive agents
    c) Quinolones
    d) Insulin

Q. 2. Write short notes on the following: (5 x 4 = 20)

    a) Local route of drug administration
    b) Oxidizing agents used in antiseptic & disinfectants.
    c) Cholinergics
    d) Sources of drug information

Q. 3. Explain in detail about "Antianginals".   (10)

SECTION – B
PATHOLOGY (25 marks) & GENETICS (12 marks)

Q. 4. Write short answers on the following: (2 x 6 = 12)

    a) Emphysema
    b) Immunological tests
    c) Inflammation
    d) Thrombosis
    e) Cyst
    f) Consanguinity

Q. 5. Write short notes on the following: (5 x 5 = 25)

    a) Sputum examination
    b) Pathogenesis of peptic ulcer
    c) Gross examination of urine
    d) Chromosomal aberrations
    e) Practical application of genetics in nursing

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY - 2017

COMMUNICATION & EDUCATION TECHNOLOGY
PAPER – FIRST

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all sections.

SECTION – A

                                                            (5 x 2 = 10)

Q. 1. Write Short Answers on **ALL** of the following:
    a) Therapeutic Communication

    b) Motivation

    c) Graph

    d) Counseling

    e) Components of lesson plan

SECTION – B

                                                            (9 x 5 = 45)

Q. 2. Write Short Notes on **ANY NINE** of the following:
    a) Basic principles of guidance

    b) Three Dimensional Audio Visual Aids

    c) Group dynamics

    d) Phases of interpersonal relationship

    e) Maxims of teaching

    f) Demonstration

    g) Public Address System

    h) Objective Structured Clinical Examination

    i) Case method

    j) Observation checklist

SECTION – C

Attempt **ANY TWO** the following questions:

Q. 3. Define evaluation, write down the purposes of evaluation and discuss the types of evaluation?
                                                                               (2+4+4=10)

Q. 4. Define Audio Visual Aids? List down types of AV aids. Discuss principles of selecting Audio Visual aids?   (2+4+4=10)

Q. 5. Define communication? Write element of communication and explain various technique in therapeutic communication?   (2+3+5=10)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY - 2017
COMMUNITY HEALTH NURSING - I
PAPER – SECOND

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1.   Write short answers on **ALL** of the following: (5 x 2 = 10)

    a. Demography

    b. Immunity

    c. Incubation period

    d. Cold chain

    e. Mortality

SECTION – B

Q. 2.   Write short notes on **ANY NINE** of the following: (9 x 5 = 45)

    a. Food adulteration

    b. Eugenics

    c. Dimensions of health

    d. Modes of disease transmission

    e. Oral pills

    f. Level of prevention

    g. Food poisoning

    h. Prevention and control of anaemia

    i. Ventilation

    j. Disposal of waste

SECTION – C

Attempt **ANY TWO** the following:

Q. 3.   a) Define malnutrition
    b) Enlist nutritional deficiencies
    c) Nursing management of protein energy malnutrition   (2+3+5=10)

Q. 4.   a) Write down the role of community health nurse.

    b) Describe the principles of community health nursing.   (5+5 = 10)

Q. 5.   Explain epidemiology and nursing management of tuberculosis.   (5+5 = 10)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY - 2017
MEDICAL SURGICAL NURSING - I
PAPER – THIRD

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following: **(5 x 2 = 10)**

    a) Pericarditis

    b) Fever

    c) Pneumonia

    d) Dyspnea

    e) Amputation

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: **(9 x 5 = 45)**

    a) Nursing care of patients with HIV & AIDS

    b) Nursing management of patient with typhoid

    c) Iron deficiency anemia

    d) Nursing care of patient having traction

    e) Disinfection and sterilization in operation theatre

    f) Total hip replacement

    g) Health education for diabetic client

    h) Role of nurse while caring for bed ridden client

    i) Role of nurse in pre-operative phase

    j) Nursing management of patient with COPD

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. Mr. Ram, 56 yrs old, was admitted in nephrology ward with medical diagnosis of acute renal failure.
    a) Briefly explain the phases and pathophysiology of acute renal failure.   **(5+5 = 10)**
    b) Explain nursing management for Mr. Ram.

Q. 4. Mrs. Kamla, 42 yrs old, was admitted in cardiac unit with medical diagnosis of myocardial infarction
    (MI).   **(2+3+5 = 10)**
    a) Define MI.
    b) Enlist clinical manifestations of MI.
    c) Explain the medical and nursing management of Mrs. Kamla.

Q. 5. Mrs. Rupa, 60 yrs, was admitted in general surgery ward with diagnosis of cholelithiasis and is
    posted for cholecystectomy.   **(2+2+6 = 10)**
    a) List the causes of cholelithiasis.
    b) Explain the clinical manifestations of cholelithiasis.
    c) Explain the preoperative and post operative nursing care for Mrs. Rupa.

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY - 2017

SOCIOLOGY
PAPER –FIVE

[Max Marks: 75]

[Time allotted: Three hours]

Note: Attempt all sections.

Draw suitable diagrams wherever necessary.

SECTION – A

(5 x 2 = 10)

Q. 1. Write short answers on **ALL** of the following:

  a) Give four examples of Informal Social Control.

  b) What is the age limitation of a child to become Juvenile Delinquent?

  c) Define civilization.

  d) Who wrote the book "Society"?

  e) In which year 'The Widow Re-marriage Act' was enacted?

SECTION – B

(9 x 5 = 45)

Q. 2. Write short notes on **ANY NINE** of the following:

  a) Problem of slums in India

  b) Reference group

  c) Socialization and its types

  d) Discuss different laws regarding family and marriage in India

  e) Caste system and its features

  f) Difference between behavioral therapy and activity therapy

  g) Regional community, study of Uttarakhand

  a) Major problems of the elderly.

  b) Family and its types

  c) Difference between primary and secondary groups

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. Define Sociology. Explain its nature and scope.   (2+4+4 = 10)

Q. 4. Discuss Social Stratification, explain its types.   (2+8 = 10)

Q. 5. Define urban community. Discuss different types of cities.   (2+8 = 10)

(4)

Regn. No. ....

Course Code: BSN201

B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./SEPT.- 2017

COMMUNICATION & EDUCATION TECHNOLOGY
PAPER- FIRST

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all sections.

SECTION - A

Q. 1. Write short answers on **ALL** of the following: (5 x 2 = 10)
   a) Enlist any four projected A.V aids
   b) Define curriculum
   c) Team work
   d) Counseling
   e) Mention four aims of education.

SECTION - B

Q. 2. Write short notes on **ANY NINE** of the following: (9 x 5 = 45)
   a) Advantages and disadvantages of group discussion
   b) Role of a nurse in health education
   c) Simulation
   d) Characteristics of learning process
   e) Counseling process
   f) Multiple choice items
   g) Importance of health education with individual, groups and communities
   h) Barriers in communication
   i) Role of a teacher in classroom management
   j) Characteristic of unit planning

SECTION - C

Attempt **ANY TWO** the following:

Q. 3. a) Characteristics of good A.V. aids.
      b) Discuss any one A.V. aid in detail.   (5+5 = 10)

Q. 4. a) Principles of interpersonal relationship
      b) Phases of interpersonal relationship   (5+5 = 10)

Q. 5. a) Define lesson plan.
      b) Prepare a lesson plan for Ist year B.Sc. Nursing students on Urinary catheterization.   (2+8=10)

(8)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./SEPT.- 2017

COMMUNITY HEALTH NURSING -I
PAPER – SECOND

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all sections.

SECTION – A

Q. 1.   Write short answers on **ALL** of the following: (5 x 2 = 10)

a)   Eugenics

b)   Ascariasis

c)   Blindness

d)   Mortality rate

e)   Whooping cough

SECTION – B

Q. 2.   Write in brief on **ANY NINE** of the following: (9 x 5 = 45)

a)   Nursing management of diabetes mellitus

b)   Effects of obesity on health

c)   Dimensions of health

d)   Methods of waste disposal

e)   Health benefits for elderly in India

f)   Components of environment sanitation

g)   Mode of disease transmission

h)   Components of healthy life style

i)   Japanese encephalitis

j)   Elements of primary health care

SECTION – C

Attempt **ANY TWO** the following.

Q. 3.   Discuss diagnosis, treatment and prevention of typhoid fever.   (3+3+4 = 10)

Q. 4.   a) Define epidemiology.

b) Describe in brief different methods of epidemiology.   (2+8 = 10)

Q. 5.   a) Define contraceptive methods.   (2+8 = 10)

b) Explain spacing and terminal methods of family planning.

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./SEPT.- 2017

MEDICAL SURGICAL NURSING - I
PAPER – THIRD

[Time allotted: Three hours]

[Max Marks: 75]

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following: (5 x 2 = 10)

a) Nebulization
b) Empyema
c) Edema
d) Infection
e) Fever

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: (9 x 5 = 45)

a) Role of nurse in blood transfusion
b) Prevention of nosocomial infection
c) Appendicitis
d) Health education for tuberculosis client
e) Nursing care of unconscious patient
f) Role and responsibility of a nurse in operation theatre
g) Wound healing process
h) Nursing management of patient after amputation
i) Types of shock
j) Nurses role in prevention of Hepatitis B

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. Mr. Ramu, 56 yrs. old, having medical diagnosis of chronic renal failure is admitted in dialysis unit for hemodialysis.   (2+5+3=10)
a) Enlist the causes of chronic renal failure.
b) Explain the nursing management during hemodialysis
c) What dietary advice will you give to this patient?

Q. 4. Mrs. Renuka, 65 yrs. old, admitted in cardiac unit with medical diagnosis of myocardial infarction.   (2+3+5 = 10)
a) Define myocardial infarction.
b) Enlist clinical manifestations of myocardial infarction
c) Explain the medical and nursing management of this patient.

Q. 5. Mr. Amit, 50 yrs old male, admitted in surgery ward with the diagnosis of intestinal obstruction.   (3+2+5 = 10)
a) List the causes of intestinal obstruction.
b) Write the clinical manifestations of intestinal obstruction.
c) Explain the preoperative and postoperative nursing care for this patient.

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./SEPT.- 2017

PHARMACOLOGY, PATHOLOGY & GENETICS
PAPER – FOUR

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all Sections.

Draw suitable diagrams wherever necessary.

SECTION – A (Pharmacology) [38 Marks]

Q. 1. Write short answers on the following: (2 x 4 = 08)

- a) Pharmacodynamics
- b) Tranquilizers
- c) Bronchodilators
- d) Antimalarial drugs

Q. 2. Write short notes on the following: (5 x 4 = 20)

- a) Intramuscular route
- b) Broad spectrum antibiotics
- c) Expectorants
- d) Sulphonamides

Q. 3. Explain in detail about "Diuretics".   (10 x 1 =10)

SECTION – B – Pathology [25 marks] & Genetics [12 marks]

Q. 4. Write short answers on the following: (2 x 6 = 12)

- a) Mutation
- b) Serological tests
- c) Agglutination
- d) Thrombosis
- e) Analysis of semen
- f) CSF analysis

Q. 5. Write short notes on the following: (5 x 5 = 25)

- a) Bone marrow examination
- b) Process of wound healing
- c) Pathological changes in hepatitis
- d) Human Genome Project
- e) Developmental delay

(15)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./SEPT.- 2017
SOCIOLOGY
PAPER –FIVE

[Time allotted: Three hours]   [Max Marks: 75]

Note: Attempt all Sections.
       Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following: (5 x 2 = 10)

  a) Define Ethnocentrism.

  b) In which year 'The widow remarriage Act' was enacted?

  c) Define Urban Community.

  d) Who is the father of evolutionary school?

  e) Define civilization.

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: (9 x 5 = 45)

  a) PRI in India

  b) Problem of slums in India

  c) Family and its types

  d) Discuss different laws regarding family and marriage in India

  e) Class system and its features

  f) Difference between psychotherapy and behavioral therapy

  g) Custodial process of juveniles

  h) Difference between hallucinogens and sedatives

  i) Social control and its types

  j) Community and its elements

SECTION – C

Attempt **ANY TWO** of the following:

Q. 3. Define Race. Explain its various types with examples.   (2+8=10)

Q. 4. Define Social Stratification and explain its types.   (2+8=10)

Q. 5. What is social group? Discuss different types of social groups with examples.   (2+5+3=10)

BASIC B. Sc. NURSING SECOND YEAR EXAMINATION, AUG./SEPT.- 2017

ENVIRONMENTAL SCIENCE
PAPER – SIX

[Time allotted: Two hours]   **[Max Marks: 75]**

Note: Attempt all Sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following: **(5 x 2 = 10)**

  a) What is Detritus?

  b) Name any 2 endangered animals.

  c) Differentiate between reuse and recycle.

  d) Differentiate between garbage and rubbish.

  e) Define point source pollution.

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: **(9 x 5 = 45)**

  a) Marine pollution

  b) Web of life

  c) Acid rain

  d) Criteria of hotspot determination

  e) Thermal pollution

  f) Role of individual in conservation of forest resources

  g) Solid waste

  h) Continuous contour trenches

  i) Control methods of noise pollution

  j) Carbon cycle in environment

SECTION – C

Attempt **ANY TWO** of the following:

Q. 3. Define soil pollution. Discuss about main impacts and reasons of soil contamination in nature.
(3+4+3= 10)

Q. 4. What is an ecosystem? Kindly discuss various structure and functions of lake ecosystem. **(2+4+4=10)**

Q. 5. Population explosion is pressuring the ecological resources. Elaborate on the water shortage problem and water management strategies in India.   **(5+5 = 10)**

BASIC B.Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY/ MARCH - 2018

COMMUNICATION & EDUCATION TECHNOLOGY
PAPER- FIRST

[Time allotted: Three hours]

[Max Marks: 75]

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following:

(5 x 2 = 10)

   a) Communication

   b) Viva

   c) Motivation

   d) Guidance

   e) Group Dynamics

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following:

(9 x 5 = 45)

   a) Role play

   b) Essential elements of a good lesson plan

   c) Methods to overcome the barriers of communication

   d) Maxims of teaching

   e) Illustrate the Johari window

   f) Dimension of human relations in Nursing

   g) Overhead projector

   h) Importance of health education in patients admitted in hospital

   i) Educational objectives

   j) Role of AV aids in teaching

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. Define evaluation. Principles of evaluation. Types of evaluation.

(2+3+5 = 10)

Q. 4. a) Write differences between counseling and guidance.

   b) Discuss the role of a teacher in counseling and guidance.

(5+5=10)

Q. 5. List the clinical teaching methods and explain briefly about any one method in detail.

(2+8=10)

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BASIC B.Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY/ MARCH - 2018

COMMUNITY HEALTH NURSING - I

PAPER – SECOND

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following: **(5 x 2 = 10)**

  a. Hygiene

  b. Eugenics

  c. Incubation period

  d. Anthrax

  e. Leptospirosis

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: **(9 x 5 = 45)**

  a. Promotion of health

  b. Nursing management of malaria

  c. Elements of primary health care

  d. Methods of purification of water

  e. Levels of prevention

  f. Methods of waste disposal

  g. Prevention of home accidents

  h. Causes of diabetes mellitus

  i. Dimensions of health

  j. Food poisoning

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. Explain the population explosion and its impact on society and environment.   **(2+4+4=10)**

Q. 4. a) Define demography.
b) Explain the different methods of collecting data in detail.   **(3+7 = 10)**

Q. 5. Explain PEM, its types and management.   **(2+4+4 = 10)**

BASIC B.Sc. NURSING SECOND YEAR EXAMINATION, FEBRUARY/ MARCH - 2018

PHARMACOLOGY, PATHOLOGY & GENETICS

PAPER – FOUR

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A - Pharmacology [38 marks]

Q. 1. Write short answers on **ALL** of the following: (4 x 2 = 8)
  a) Emollients
  b) Hypnotics
  c) Calcium channel blockers
  d) Oral hypoglycemics

Q. 2. Write short notes on the following: (4 x 5 = 20)
  a) Oral contraceptives
  b) Anticoagulants
  c) Benzodiazepines
  d) Immunosuppressants

Q. 3. Write an essay on the following: (1 x 10 = 10)
  a) Topical Drugs used for diseases of Ear (Drugs, Preparation & Uses).

SECTION – B – Pathology [25 marks] & Genetics [12 marks]

Q. 4. Write short answers on all of the following: (6 × 2 = 12)
  a) Blood culture
  b) Rh factor
  c) Autoimmunity
  d) Apoptosis
  e) Hyperplasia
  f) Turner's syndrome

Q. 5. Write short notes on the following: (5 x 5 = 25)
  a) Pathogenesis of tuberculosis
  b) Importance of pathology in nursing
  c) Peritoneal fluid analysis
  d) Down's Syndrome
  e) Genetic counselling

BASIC B.Sc. NURSING SECOND YEAR EXAMINATION FEBRUARY/ MARCH - 2018

SOCIOLOGY

PAPER – FIVE

[Time allotted: Three hours]   **[Max Marks: 75]**

Note: Attempt all sections.
Draw suitable diagrams wherever necessary.

SECTION – A

Q. 1. Write short answers on **ALL** of the following: **(5 x 2 = 10)**

   a) Define Urban Community

   b) Define Social Pathology

   c) Define Ethnocentrism

   d) Define Juvenile Delinquency

   e) Define Tribe

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: **(9 x 5 = 45)**

   a) Types of cities

   b) Distinguish between culture and civilization

   c) Caste and its types

   d) Problems of urban community

   e) Formalistic school

   f) Physiography of Uttarakhand

   g) Method of treatments of juvenile delinquents

   h) Distinguish between in group-out group and primary-secondary group.

   i) Role of nurse in society

   j) Endogamy and exogamy in marriage in India

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. Define Race. Explain its types with example.   **(2+8=10)**

Q. 4. Define child labor, its causes and consequences.   **(2+4+4=10)**

Q. 5. Discuss various changes taking place in the process of socialization in India.   **(10)**

(8)