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

CHILD HEALTH NURSING
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) Juvenile delinquency
- b) Kangaroo mother care
- c) Cold chain
- d) Temper tantrum
- e) Weaning

SECTION – B

Q. 2. Write in Brief on **ANY NINE** of the following.   (9 x 5 = 45)
- a) Advantages of breastfeeding
- b) Essential newborn care
- c) Recent trends in pediatric nursing
- d) Nursing management of a Low Birth Weight baby
- e) Difference between Kwashiorkor & Marasmus
- f) Roles and responsibilities of a Child Health Nurse
- g) Hospital environment for a sick child
- h) Child guidance clinic
- i) National Immunization schedule
- j) Jones criteria for Rheumatic fever

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. a) Enlist the IMNCI components and discuss its guidelines.

b) Discuss in detail IMNCI case management process.   (4+6 = 10)

Q. 4. Write in detail about Peri-operative care of a child undergoing surgery.   (10)

Q. 5. a) Describe factors affecting growth and development. Enlist principles of growth & development.

b) Discuss milestones of an infant.   (5+5=10)

Course Code: BSN302

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

MEDICAL SURGICAL NURSING – II
PAPER - TWO

[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) Refractive errors of eye

b) "Rule of 9" in burns calculation

c) Myasthenia gravis

d) Chorea

e) Types of hearing loss

SECTION – B

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

a) Preparation of a patient for electro encephalography.

b) Role of a nurse in care of the elderly

c) Crisis intervention.

d) Tracheostomy care

e) Post mastectomy exercises

f) Infection control protocol in ICU

g) Nursing management after tonsillectomy

h) Principles of emergency nursing

i) Management of side effects of chemotherapy

j) Respiratory emergencies

SECTION – C

Attempt **ANY TWO** the following.

Q. 3.   a) Define seizures

b) Enlist the types of seizures

c) Explain the nursing care of patient during seizure attack   (2+2+6= 10)

Q. 4.   a) Differentiate between benign and malignant tumors.

b) Prepare a nursing care plan for a patient with stomach cancer who underwent gastrectomy. (2+8= 10)

Q. 5.   a) Give formulas for fluid calculation in a burn patient.

b) Discuss the management of a patient with 40% of burns.   (3+7= 10)

Course Code: BSN303

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

MENTAL HEALTH NURSING
PAPER – THIRD

[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) Akathesia

b) Hallucinations

c) Deja vu

d) Enuresis

e) Clang association

SECTION – B

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

a) Nursing intervention in primary prevention of mental illness within the community.

b) Psychopharmacological Intervention and Nursing Management of Delirium

c) Techniques of Therapeutic Communication

d) Indications and nurse's responsibility in the administration of Benzodiazepines

e) Recreational therapy

f) Alcohol dependence syndrome

g) Difference between psychotic and neurotic disorder

h) Nursing management of patient undergoing ECT

i) Nursing management of patient suffering from Paranoid Schizophrenia

j) Conduct disorder

SECTION – C

Attemp **ANY TWO** the following.

Q. 3. a) Define Depression.   **(1+3+6=10)**

b) Enlist types and sign and symptoms of depression

(c) Draw a Nursing care plan for a patient with depression

Q. 4. a) Define GAD.   **(1+3+6=10)**

b) Explain etiology and clinical features of GAD.

c) Draw a Nnursing care plan for a patient suffering from GAD.

Q. 5. a) Define bulimia nervosa   **(1+2+7=10)**

b) Enlist clinical features of bulimia nervosa

c) Describe its treatment modalities and Nursing care plan.

(6)

Course Code: BSN304

BASIC B. Sc. NURSING THIRD YEAR EXAMINATION, AUG./ SEPT. - 2016
NURSING RESEARCH & STATISTICS
PAPER – FOURTH

[Max Marks: 75]

[Time allotted: Three hours]

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

PART I: Nursing Research
SECTION – A

(5 x 2 = 10)

Q. 1. Write Short Answers on **ALL** of the following:
    a) Population
    b) Hypothesis
    c) i) CINAHL ii) MEDLINE
    d) Four research design used in Qualitative study
    e) Snowball sampling

SECTION – B

(6 x 5 = 30)

Q. 2. Write in brief on **ANY SIX** of the following.
    a) Characteristics of good research
    b) Sources of review of literature
    c) Pilot study
    d) Communication of research results.
    e) Probability sampling techniques.
    f) Steps of research process
    g) Difference between qualitative and quantitative research

SECTION – C

Attempt **ANY ONE** of the following.

Q. 3. Describe any two methods of data collection in quantitative studies. (10)

Q. 4. Explain experimental research designs in detail. (10)

PART – II Statistics
SECTION – A

(5 x 3 = 15)

Q. 5. Write in brief on **ANY THREE** of the following.
    a) Normal Probability Curve
    b) Co-efficient of correlation
    c) Use of statistics in nursing research
    d) Range

SECTION – B

Attempt **ANY ONE** of the following.

Q. 6. Calculate the Mean, Median, Mode and Standard deviation for the serum albumin levels (g %) of preschool children:
2.90, 3.57, 3.73, 3.55, 3.73, 3.88, 2.98, 3.61, 3.73, 3.45 (10)

Q. 7. a) Draw the histogram and frequency polygon of the following distributions. (5+5=10)
    b) Calculate the Mean and Median for the following data

Class Interval	Frequency
15-25	30
25-35	40
35-45	100
45-55	110
55-65	80
65-75	30
75-85	10

(4)

Course Code: BSN301

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

CHILD HEALTH NURSING
PAPER – FIRST

[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. Immunization

b. Values of play

c. Nephrotic syndrome

d. Under five clinic

e. Preventive pediatrics

SECTION – B

(9 x 5 = 45)

Q. 2. Write Short Notes on **ANY NINE** of the following:

a. Rights of children

b. Nursing care of a toddler with bronchopneumonia

c. Principles of growth and development

d. Benefits of breast feeding

e. Steps of baby friendly hospital initiatives

f. Classification of tracheo-esophageal fistula

g. Kangaroo mother care

h. Phototherapy

i. Management of diarrhea

j. Role of child health nurse

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. What are the causes of behavior disorders among children? Describe in detail about any two types of behavioral disorders. (4+6=10)

Q. 4. a. Define protein energy malnutrition? (2+8 = 10)
b. Write its classification with medical and nursing management.

Q. 5. Define low birth weight baby. What are the characteristics of low birth weight baby? Write nursing management of LBW baby. (1+4+5 = 10)

B. Sc. NURSING THIRD YEAR EXAMINATION, FEBRUARY - 2017

MEDICAL SURGICAL NURSING – II
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) Name the types of disaster

   b) Infertility

   c) Frost bite

   d) List two differences between cystocele and rectocele

   e) Warning signs of cancer

SECTION – B

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

   b) Principles of critical care nursing

   c) Management of side effects of chemotherapy

   d) Components of neurological examination

   e) Differentiate between benign and malignant tumors

   f) National blindness control programme

   g) Psychosocial aspects of ageing

   h) Breast self examination

   i) Hospice care

   j) Cardio Pulmonary Resuscitation

SECTION – C

Attempt **ANY TWO** the following:

Q.3. a) Enlist types of burns.

   b) Discuss the emergency management of patient with 45% burns.   (2+8= 10)

Q.4. a) Define cerebrovascular accident.

   b) Briefly explain clinical manifestations of CVA

   c) Explain in detail nursing management of a patient with CVA   (2+3+5= 10)

Q.5. a) Define cataract

   b) Explain about perioperative nursing management of patient with cataract.   (2+8= 10)

(2)

BASIC B. Sc. NURSING THIRD YEAR EXAMINATION, FEBRUARY - 2017
MENTAL HEALTH NURSING
PAPER – THREE

[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) Illusion

   b) Perseveration

   c) Mood

   d) Echopraxia

   e) Schizophrenia

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following.   **(9 x 5 = 45)**
   a) Nature & scope of mental health nursing

   b) Nursing intervention in primary prevention of mental illness within the community

   c) Psychopharmacological Intervention and nursing management of delirium

   d) National mental health program

   e) Alcohol withdrawal syndrome

   f) Adverse effects and nurse's responsibility for a patient receiving antipsychotics

   g) Stages of dementia

   h) Nursing management of patient undergoing ECT

   i) Stages of General Adaptation Syndrome

   j) Rights of mentally ill

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. a) Obsessive Compulsive Personality Disorder   **(1+3+6=10)**

   b) Enlist etiology and clinical features of OCD.

   c) Draw nursing care plan for patient suffering with OCD.

Q. 4. a) What is therapeutic communication?   **(1+2+7=10)**

   b) Enlist therapeutic communication techniques

   c) Explain phases of therapeutic relationship & role of a psychiatric nurse

Q. 5. a) Define schizophrenia and enlist its types.   **(2+3+5=10)**

   b) Explain the clinical features of paranoid schizophrenia.

   c) Describe nursing management for patient suffering with paranoid schizophrenia.

(4)

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

NURSING RESEARCH & STATISTICS
PAPER – FOUR

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

Note: Attempt all sections.

Draw suitable diagrams wherever necessary.

PART - I (NURSING RESEARCH)
SECTION – A

(5 x 2 = 10)

Q. 1. Write short answers on **ALL** of the following:
- a. Reliability
- b. Assumption
- c. Nursing research
- d. Four sources of research problem
- e. Bias

SECTION – B

(6 x 5 = 30)

Q. 2. Write in brief on **ANY SIX** of the following:
- a. Difference between quantitative and qualitative research
- b. Different types of variables
- c. Components of research report
- d. Questionnaire as data collection tool
- e. Need for research in nursing
- f. Types of probability sampling
- g. Types of validity

SECTION – C

Attempt **ANY ONE** of the following:

Q. 3. Describe the purpose, sources and the steps in review of literature.   (2+3+5=10)

Q. 4. Explain the steps of a research process in detail.   (10)

PART - II (STATISTICS)
SECTION – A

(3 x 5 = 15)

Q. 5. Write in brief on **ANY THREE** of the following:
- a. Correlation coefficient
- b. Tabulation of data
- c. Normal curve
- d. Scales of measurements

SECTION – B

Attempt **ANY ONE** of the following:

Q. 6. Calculate the Mean and Standard Deviation for following data.   (10)
Age of student nurses: 18, 17, 22, 20, 19, 21, 20, 17, 23, 24

Q. 7. Explain the different types of diagrammatic presentation of data and mention advantages.   (10)

Regn. No. ....   **Course Code: BSN 301**

BASIC B. Sc. NURSING THIRD YEAR EXAMINATION, AUG./SEPT.- 2017
CHILD HEALTH NURSING
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) Encopresis
   b) Phototherapy
   c) Moro's reflex
   d) Play therapy
   e) Techniques of breastfeeding

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: (9 x 5 = 45)
   a) Internationally accepted Rights of children
   b) Factors affecting growth and development
   c) Components and advantages of Kangaroo mother care
   d) Classification & clinical features of tracheo esophageal fistula
   e) Nursing management of child with meningomyelocele
   f) Baby friendly hospital initiative
   g) Measures for preventing HIV/AIDS in infants
   h) Components of under five children
   i) Levels of preventive pediatrics
   j) Prevention & management of juvenile delinquency

SECTION – C

Attempt **ANY TWO** the following.

Q. 3. a) Describe impact of hospitalization on children (infants to adolescents)
         b) Discuss role of child health nurse in caring of hospitalized child.   (5+5 = 10)

Q. 4. a) Define behavioral disorders. Enlist various behavioral disorders.
         b) Write in detail about Attention Deficit Hyperactivity Disorder.   (4+6=10)

Q. 5. a) Define anemia. Write classification of anemia.
         b) Write in detail about iron deficiency anemia.   (5+5=10)

(1)

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

MEDICAL SURGICAL NURSING - II
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) Meniere's disease
- b) Paraplegia
- c) Premenstrual syndrome
- d) Chemotherapy
- e) Myopia

SECTION – B

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

- a) Tracheostomy care
- b) Prevention of occupational health hazards
- c) Nursing management of unconscious patient with stroke
- d) Breast self-examination
- e) Infertility
- f) Nursing management of 70% burnt (lower extremities, trunk & face) patient
- g) Screening for early detection of cancer
- h) Role of nurse in disaster nursing
- i) Principles & role of nurse in critical care unit
- j) Abuses of elderly

SECTION – C

Attempt **ANY TWO** the following.

Q. 3.
- a) Define cataract.   (1+3+5=10)
- b) Write classification of cataract.
- c) Describe the nursing management of a patient undergoing cataract surgery.

Q. 4.
- a) Define CVA (Cerebrovascular Accident).   (1+3+5=10)
- b) In brief, describe pathophysiology of CVA.
- c) Discuss nursing management of CVA patient in critical care unit.

Q. 5.
- a) Describe in detail about cardio pulmonary resuscitation.   (5+5=10)
- b) Describe in detail about the 'TRIAGE' management in case of any emergency.

(5)

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

MENTAL HEALTH NURSING
PAPER – THIRD

[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) Akathesia
   b) Hallucinations
   c) Waxy flexibility
   d) Echopraxia
   e) Neologisms

SECTION – B

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

   a) Mental Health Act
   b) Rights of mentally ill patient
   c) Phases of nurse patient relationship
   d) Indications and nurse's responsibility in the administration of antipsychotic drugs
   e) Mental status examination
   f) Alcohol dependence syndrome
   g) Stages of general adaptation syndrome
   h) Nursing management of patient undergoing ECT
   i) Nursing management of patient with ADHD
   j) Mental retardation

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. a) Define mania.   (1+3+6=10)
   b) Enlist types, signs and symptoms of mania.
   c) Draw a nursing care plan for a patient with mania.

Q. 4. a) Define GAD.   (1+3+6=10)
   b) Enlist etiology and clinical features of GAD.
   c) Draw a nursing care plan for a patient suffering from GAD.

Q. 5. a) Define delirium.   (2+3+5=10)
   b) Enlist clinical features of delirium.
   c) Describe nursing management of patient suffering with delirium.

(10)

BASIC B. Sc. NURSING THIRD YEAR EXAMINATION, AUG./SEPT.- 2017
NURSING RESEARCH & STATISTICS
PAPER – FOUR

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

Note: Attempt all Sections.

PART – I (NURSING RESEARCH)
SECTION – A

Q. 1. Write short answers on **ALL** of the following: **(5 x 2 = 10)**
  a) Null hypothesis
  b) Manipulation
  c) Assumption
  d) Target population
  e) Define Nursing Research

SECTION – B

Q. 2. Write in brief on **ANY SIX** of the following: **(6 x 5 = 30)**
  a) Types of reliability
  b) Quasi-experimental research design
  c) Questionnaire as data collection tool
  d) Sources of research problem
  e) Ethics in nursing research
  f) Survey research approach
  g) Non-probability sampling techniques

SECTION – C

Attempt **ANY ONE** of the following:

Q. 3. Explain in detail the purpose, sources and the steps in review of literature.   **(2+3+ 5 = 10)**

Q. 4. Explain the characteristics of good research.   **(10)**

PART – II (STATISTICS)
SECTION – A

Q. 5. Write in brief on **ANY THREE** of the following: **(5 x 3 = 15)**
  a) Scales of measurement
  b) Relationship between Mean, Median and Mode
  c) Find the Median and Mode of following data-
     12, 10, 14, 15, 9, 8, 12, 7, 18
  d) Calculate the mathematical average of following data-
     201.6, 190.8, 194.4, 201.9, 196.5, 202.9, 205.8, 204.1

SECTION – B

Attempt **ANY ONE** of the following:

Q. 6. Find out the relationship between the distance from the health centre and the number of antenatal visits by using the correlation coefficient formula in the following data.   **(10)**

Distance (Km)	2	2	4	6	7	8	9	10
No of visits	6	7	5	4	4	3	2	1

Q. 7. Write different graphical presentation of data used in nursing research with suitable diagrams.   **(10)**

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

CHILD HEALTH NURSING

PAPER – FIRST

[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 × 2 = 10)
   a) Define paediatric nursing.
   b) Physical growth of new born (length, head circumference, pulse rate, respiration & weight)
   c) Define neonatal resuscitation.
   d) Enlist colour code in IMNCI with indication.
   e) What is socially challenged child?

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: (9 × 5 = 45)
   a) Preventive measures to reduce infant mortality rate.
   b) Needs of toddlers.
   c) Advantages of breast feeding (for baby).
   d) Assessment of reflexes up to one year child.
   e) Vitamin A (function, sources, recommendation for 0-6 month child, clinical manifestations of deficiency)
   f) Nasopharyngitis (definition, aetiology, clinical features & management)
   g) Omphalocele (definition, aetiology, clinical features)
   h) Aplastic anaemia (definition, aetiology, pathophysiology & clinical features)
   i) Kyphosis in children (definition, aetiology, types clinical features)
   j) Types & causes of handicapped child.

SECTION – C

Attempt **ANY TWO** of the following:
Q. 3. Write definition & clinical features of Marasmus. Explain the diagnostic evaluation of PEM as well as its management.   (2+2+2+4 = 10)

Q. 4. Write the types & clinical features of seizures. Explain diagnostic evaluation and management of seizures in children.   (2+2+2+4 = 10)

Q. 5. Write types & aetiology of congenital heart disease. Explain coarctation of aorta.   (4+6 = 10)

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

MEDICAL SURGICAL NURSING - II

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) Peritonsilar abscess
   b) Cystocele
   c) Aging
   d) Hospice care
   e) Glaucoma

Section – B

Q. 2. Write short notes on **ANY NINE** of the following: (9 x 5 = 45)
   a) National Blindness Control Programme.
   b) Role of nurse in care of elderly.
   c) Principles of critical care nursing.
   d) Nursing management for occupational hazards.
   e) Management of side effects of chemotherapy.
   f) Role of nurse while communicating with hearing impaired and mute patients.
   g) Legal aspect in disaster nursing.
   h) Types of abortion.
   i) Medical management of 60 % burn patient in emergent phase.
   j) Refractive errors.

Section – C

Attempt **ANY TWO** of the following:

Q. 3. A 60 yr. old male patient brought to emergency ward with chief complaints of loss of sensation in right
        side of the body and is diagnosed with cerebrovascular accident (CVA).   (1+3+6=10)
   a) Define CVA.
   b) Enlist clinical manifestation of CVA.
   c) Explain medical and nursing management of CVA.

Q. 4. A 40 yr. old male patient admitted in ENT ward with diagnosis of otitis media and is posted for
        tympanoplasty.   (4+6=10)
   a) Explain pathophysiology and clinical manifestation of otitis media.
   b) Explain preoperative & postoperative nursing care of this patient.

Q. 5. Mrs. Asha, 55 yr. old female is admitted in oncology ward with diagnosis of breast cancer. (1+3+6=10)
   a) Define breast cancer.
   b) Enlist the causes and sign & symptoms of breast cancer.
   c) Explain the medical and nursing management of breast cancer.

BASIC B. Sc. NURSING THIRD YEAR EXAMINATION, FEBRUARY/ MARCH - 2018
MENTAL HEALTH NURSING
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) Catharsis
    b) Hallucination
    c) Denial
    d) Hypochondriasis
    e) Flight of ideas

SECTION – B

Q. 2. Write short notes on **ANY NINE** of the following: (9 x 5 = 45)
    a) Principles of Mental Health Nursing
    b) Techniques of Therapeutic Communication
    c) Extra pyramidal symptoms of antipsychotic drugs
    d) Occupational therapy
    e) Stages of General Adaptation Syndrome
    f) Features of Dissociative Disorders
    g) Nursing management of patient undergoing ECT
    h) Rights of Mentally Ill
    i) Crisis intervention
    j) Mental Health Act

SECTION – C

Attempt **ANY TWO** the following:

Q. 3. **a)** Define schizophrenia.   (2+3+5=10)
    b) Explain the clinical features of catatonic schizophrenia.
    c) Describe nursing management of a patient suffering with catatonic schizophrenia.

Q. 4. **a)** Define eating disorders.   (2+3+5=10)
    b) Enlist etiology and clinical features of eating disorders.
    c) Describe nursing management of a patient suffering from eating disorder.

Q. 5. **a)** Define mood disorders.   (2+3+5=10)
    b) Enlist etiology and clinical features of depression.
    c) Draw nursing care plan for a patient suffering with depression.

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

NURSING RESEARCH & STATISTICS
PAPER – FOURTH

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

Note: Attempt all sections.

PART I (NURSING RESEARCH)
SECTION – A

Q. 1. Write short answer on __ALL__ of the following: **(5 x 2 = 10)**
    a. Extraneous variable
    b. Mention four scales of measurement
    c. Characteristics of true experimental design
    d. Sampling frame
    e. Bias

SECTION – B

Q. 2. Write in brief on __ANY SIX__ of the following: **(5 x 6 = 30)**
    a. Criteria of a good research problem
    b. Communicating research findings
    c. Reliability and validity of instrument
    d. Factors influencing sampling process
    e. Pilot study
    f. Steps of research process
    g. Non-probability sampling

SECTION – C

Write essay on __ANY ONE__ the following:

Q. 3. Describe the methods of data collection for quantitative studies.   **(10)**

Q. 4. a) Define research design.
    b) Discuss experimental research design in detail.   **(2+ 8= 10)**

PART – II (STATISTICS)
SECTION – A

Q. 5. Write in brief on __ANY THREE__ of the following: **(5 x 3 = 15)**
    a) Central tendency
    b) Gaussian curve
    c) Co-efficient of correlation
    d) Pie chart

SECTION – B

Attempt __ANY ONE__ of the following:

Q. 6. Compute the mean, median and mode for the following distribution: **(10)**

Class interval	Frequency
15-25	10
26-35	15
36-45	05
46-55	08
56-65	03
66-75	04
76-85	05

Q. 7. Calculate Mean and Standard Deviation of the following data: **(10)**
    11.8, 11.4, 11.6, 12.0, 12.2, 11.9, 11.6, 13.2, 12.5, 13.6.