DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA

B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FOURTH YEAR EXAMINATION – 4 YDC
COMMUNITY HEALTH NURSING - II
(New Scheme)

Time : 3 Hours   Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1)   a) Define occupational health services.   5+10=15
     b) Explain in detail about occupational hazards and role of community
        health nurse in its prevention.

2)   a) Enlist health administration system in India.   5+10=15
     b) Explain central level administration in India.

3)   a) Enumerate the social mobilization skills.
     b) Explain behaviour change communication and soft skills.   =15

Write short notes on any **FIVE** of the following: 5X5=25

4)   Aspects of school health programme
5)   Mother and Child Tracking System (MCTS)
6)   Women empowerment
7)   Role and responsibilities of Mid Level Health Care Provider (MLHCP)
8)   Principles of primary health care
9)   Referral system
10) Food Adulteration Act

Write brief answers on the following: 10x2=20

11) Mention any four records maintained in the sub center
12) Classify the types of waste
13) Define primary health care
14) List down the benefits of ESI Act
15) Define Health team
16) Enumerate the methods of health education
17) List four health problems of elderly
18) Define Electronic Medical Records (EMR)
19) Write four roles and responsibilities of ASHA
20) Define standing order

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA

B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FOURTH YEAR EXAMINATION – 4 YDC
MANAGEMENT OF NURSING SERVICES AND EDUCATION
(New Scheme)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1) Explain about Quality Assurance in Nursing.   15

2) Describe the nature and characteristics of teaching and learning   15
process.

3) Discuss the advantages and disadvantages of various methods of   15
clinical evaluation.

Write short notes on any **FIVE** of the following: 5X5=25

4) Staff recruitment for school of nursing
5) Pragmatism
6) Unit Plan
7) Explain about nursing audit
8) Steps in budgeting process
9) Job description of Ward Incharge
10) Collective bargaining

Write brief answers on the following: 10x2=20

11) Define Scalar chain
12) Role of a nurse as a manager
13) List elements of management
14) Enumerate the types of evaluation
15) Enlist the qualities and characteristics of a professional nurse
16) Enumerate the Consumer Protection Act
17) List down various activities and functions of TNAI
18) List the approaches to counseling
19) Define Team Nursing
20) Define Curriculum Committee

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FOURTH YEAR EXAMINATION – 4 YDC
MIDWIFERY AND OBSTETRICS - PART - II
(New Scheme)

Time : 3 Hours

ANSWER THE FOLLOWING QUESTIONS

Max. Marks: 75

Write an essay on any **TWO** of the following: 2x15=30

1) a) Define polyhydramnios and list the etiological factors for   5+10=15
       polyhydramnios.
    b) Explain the management of polyhydramnios complicating
       pregnancy.

2) a) Define abortion and list the types of abortion.   5+10=15
    b) Explain the causes of abortion and discuss the management of
       septic abortion.

3) a) Define abruptio placenta and list the clinical features of abruptio 5+10=15
       placenta.
    b) Explain the complications and management of abruptio placenta.

Write short notes on any **FIVE** of the following: 5X5=25
4) Small for date babies
5) Intrauterine contraceptive devices
6) Oxytocin
7) Post mature baby
8) Amniotic fluid embolism
9) Medical termination of pregnancy
10) Cervical incompetence

Write brief answers on the following: 10x2=20

11) Enumerate the alarming symptoms of preeclampsia
12) Define Puerperium
13) List temporary methods of family planning
14) Name four types of pelvis
15) Define grand multipara
16) Name the complications of phototherapy
17) Define quickening
18) Name the newborn reflexes
19) List the indications for doing amniocentesis
20) Define menopause

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA

B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FOURTH YEAR EXAMINATION – 4 YDC
NURSING RESEARCH & STATISTICS
(New Scheme)

Time : 3 Hours

Max. Marks: 75

Note : Answer Part-A & B in TWO separate answer books.
Questions in Part'A' should not be answered in Part'B' and
Vice versa. Otherwise they will not be valued.

PART – A(NURSING RESEARCH) – 50 MARKS

Write an essay on any **TWO** of the following   2x10=20
1) Enumerate the purposes and methods of review of literature.
2) Enumerate the data collection methods. Explain observation method.
3) Explain the characteristics of good research.

Write short notes on any **FOUR** of the following:
4) Need for nursing research   4x5=20
5) Validity and reliability
6) Solomon four group design
7) Difference between qualitative and quantitative research methods
8) Survey method
9) Communication of research findings

Write Brief Answers of the following:
10) Differentiate between reliability and validity of test
11) Define Null of hypothesis   2x5=10
12) Enumerate the types of sampling
13) Mention the purposes of qualitative research
14) List any four conceptional frame work

PART– B (STATISTICS) – 25 MARKS

Write an essay on any **ONE** of the following: 1x9=9
15) Calculate the mean and standard deviation for the following
cholesterol values 200, 220, 240, 230, 280, 320, 250, 270.
16) What is statistics? Explain the importance of statistics in nursing.

Write short notes on any **TWO** of the following:
17) Normal probability curve
18) Measures of central tendency briefly   2x5=10
19) Chi-Square Test
20) Measures of Correlation

Write Brief Answers of the following: 3x2=6
21) Define Mean and mode
22) Define Paired T test
23) Define Bar diagram

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA

B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
THIRD YEAR EXAMINATION – 4 YDC
CHILD HEALTH NURSING
(New Scheme)

Time : 3 Hours   Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1)   a) List the congenital defects of cardio vascular system in children.   2+5+8=15
     b) Clinical feature of tetralogy of fallot.
     c) Nursing management of children with Tetrology of fallot.

2)   a) Discuss the growth and development of school child.   8+7=15
     b) Needs of the school age child.

3)   a) Define burns.   2+5+8=15
     b) Classification of burns
     c) Explain the management of child with burns

Write short notes on any **FIVE** of the following: 5X5=25

4)   Juvenile diabetes mellitus
5)   Leukemia
6)   Neonatal Resuscitation
7)   Idiopathic thrombocytopenic purpura
8)   Nursing care of children with AIDS
9)   Rights of children
10) Rheumatic Heart Disease

Write brief answers on the following:

10x2=20

11) Enumerate the types of Head Injury
12) List the ear disorders
13) Define Drowning
14) Enlist the objectives of RCH programme
15) Define Cooley's anemia
16) Enumerate the symptoms of Thiamine deficiency
17) Define Autism
18) Define Optional vaccine
19) Enumerate the methods of Oxygen Administration
20) Enlist the factors of Growth and development

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
THIRD YEAR EXAMINATION – 4 YDC
MEDICAL SURGICAL NURSING-II
(New Scheme)

Time : 3 Hours   Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2X15=30

1) Mr. Ganesh admitted in casualty with Head Injury.   2+4+9=15
   a) Define Head Injury
   b) List the Clinical manifestations of Head Injury.
   c) Write the management of patient with injury.

2) Mr. Prasad 45 years is admitted with complaints of eye pain and   2+4+9=15
   blurred vision and was diagnosed as glaucoma.
   a) What is glaucoma?
   b) Enumerate the different types of glaucoma.
   c) Explain the medical and surgical management of Glaucoma

3) a) Explain the various types of radiotherapy.   5+3+7=15
   b) List the side effects of radiotherapy
   c) Write a health education plan to be discussed with a patient
      undergoing radiotherapy.

Write short notes on any **FIVE** of the following: 5X5=25

   4) Nursing care of unconscious patient
   5) Principles of critical care nursing
   6) CPR
   7) Care during Post traumatic stress disorder
   8) Gullian Barre Syndrome
   9) Palliative care
   10) Complications of Burns

Write Brief Answers on the following: 10x2=20

   11) Define is Paraplegia
   12) Enlist the indications of Lumber Puncture
   13) Define Snellen's Chart
   14) List the Cranial Nerves
   15) Define gene therapy
   16) Name the different colour codes during triage
   17) Define Rule of nine
   18) Differentiate urethrocele and rectocele
   19) List the causes for abortion
   20) Expand CAUTION

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA

B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
THIRD YEAR EXAMINATION – 4 YDC
MENTAL HEALTH NURSING
(New Scheme)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following: 2x15=30

1)   a) Discuss the etiological factors and clinical features of Paranoid
         Schizophrenia.
     b) Explain the medical and nursing management of the patient with   7+8=15
         Paranoid Schizophrenia.

2)   a) Define Alcoholic Dependent Syndrome.   2+8+5=15
     b) Explain the nursing management of a patient with Alcoholic
         Dependent Syndrome.
     c) Describe the Health Education to the family members.

3)   a) Explain the qualities of a psychiatric nurse.   7+8=15
     b) Differentiate between psychosis and neurosis

Write short notes on any **FIVE** of the following: 5x5=25

4)   Behaviour therapy
5)   Qualities of psychiatric nurse   (Lithium toxicity).
6)   Communication techniques
7)   Nurses role in community mental health nursing
8)   Therapeutic therapy
9)   Mental Health Act
10) Management of overactive patient

Write brief answers on the following: 10x2=20

11) Define Anxiety
12) Define Manic Depressive Psychosis
13) Hypochondriasis
14) Neologism
15) Autism
16) Steps involved in psychiatric history taking
17) Defense mechanisms
18) Define mental retardation
19) Conversion disorders
20) Ambivalence

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
THIRD YEAR EXAMINATION – 4 YDC
MIDWIFERY AND OBSTETRICS - PART - I
(New Scheme)

Time : 3 Hours   Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

<u>Write an essay on any **TWO** of the following</u>   2x15=30

1) a) List the objectives of Antenatal Care.
    b) Enumerate the physical examination of Antenatal mothers.   3+5+7=15
    c) How will you diagnose the pregnancy?

2) a) Define labour   2+4+9=15
    b) Enumerate the mechanism of normal labour
    c) Explain the physiology of second stage of labour

3) a) Define fertilization.   2+8+5=15
    b) Mention the development of the Embryo and Placenta at term
    c) List the functions of Placenta.

<u>Write short notes on any **FIVE** of the following:</u>   5X5=25

4) Planned Parenthood
5) Menstrual cycle
6) Per vaginal examination
7) Episiotomy
8) Neonatal resuscitation
9) Postnatal exercises
10) Foetal skull

<u>Write brief answers on the following:</u>   10x2=20

11) Differentiate between Eutocia and Dystocia
12) Define Puerperium
13) List the landmarks of Pelvis
14) Define adoption
15) Types of Lochia
16) Define Show
17) Expand Bubbles
18) Define Quickening
19) Four minor disorders during first trimester
20) Define fundal grip

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
SECOND YEAR EXAMINATION – 4 YDC
COMMUNITY HEALTH NURSING - I
(NEW SCHEME)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1) a) What is Epidemiology?   2+6+7=15
    b) Enumerate the dynamics of disease transmission.
    c) Explain the epidemiological traid.

2) a) Explain the effects of water pollution.   5+10=15
    b) Explain about purification of water on a large scale.

3) a) Describe women empowerment   5+7+3=15
    b) Describe the surgical methods of family planning
    c) List the importance of sex education in schools.

Write short notes on any **FIVE** of the following: 5X5=25

4) . Write the National Immunization schedule
5). Discuss about the principles of community health nursing
6)   Explain the Oral Rehydration therapy
7) . Define malnutrition. What are the causes and its prevention?
8)   Describe methods of data collection
9)   Define Obesity and explain the hazards of obesity
10), Food adulteration Act

Write brief answers on the following:

                                                                 10x2=20

11) Define Holistic Health
12) List four health problems of elderly
13) Differentiate between active and passive immunity
14) Mention any four arthropods borne disease
15) Define Infant Mortality Rate
16) Give four examples of common food adulterants
17) Define reservoir
18) Enumerate the mode of transmission of malaria
19) List out any four causes of Iron deficiency anemia
20) Define eligible couple

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc (Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
SECOND YEAR EXAMINATION – 4 YDC
PHARMACOLOGY, PATHOLOGY & GENETICS
(NEW SCHEME)

Time : 3 Hours   Max. Marks: 75

Note : Answer Part-A & B in TWO separate answer books.
Questions in Part'A' should not be answered in Part'B' and
Vice versa. Otherwise they will not be valued.

PART-A (PHARMACOLOGY) – 38 MARKS

Write an essay on any **ONE** of the following   13

1) Classify Anti arrhythmias drugs. Write mechanism of action, uses
and adverse effects of membrane stabilizing agents (Class I   3+3+3+4=13
drugs).

2) Classify drugs used in Local anaesthetics. Write the mechanism   3+3+3+4=13
of action, uses and adverse effects of Lidocaine.

Write short notes on any **THREE** of the following: 3x5=15

3) Bronchodilators

4) Therapeutic index

5) Aspirin

6) Coagulants

7) Omeprazole

Write Brief Answers of the following: 5x2=10

8) List four antianxiety drugs

9) Name two drugs used in Tuberculosis and one adverse effect of
each drug

10) Name two Beta blockers drugs. Write one adverse effect of each
drug

11) List of four Mucolytics

12) Name two Hormonal contraceptives and its two clinical uses

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PART-B (PATHOLOGY & GENITICS)- 37 MARKS
PATHOLOGY – 25 MARKS

Write any ONE of the following: 1×9=09

13) Define neoplasia. Explain the etiopathogenesis pathology of malignant tumours.

14) Define infarction: Explain the types etiology with pathology of infarction.

Write short notes on any TWO of the following: 2×5=10

15) CSF in tuberculosis

16) Telomerese

17) Glycosuria

18) Etiology of gastritis/peptic ulcer

Write Brief Answers of the following: 3×2=6

19) Enumerate the complications of thrombus

20) Enlist the collection of veinous blood sample

21) Enumerate the factors involved in selection of blood donor

GENETICS - 12 MARKS

Write Short notes on any TWO of the following   2×4=8

22) Inborn of errors of metabolism

23) Mendelian theory of inheritance

24) Infertility

25) Translocation

Write Brief Answers of the following: 2×2=4

26) Mention four autosomal dominant diseases

27) Define genetic inheritance

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc (Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
SECOND YEAR EXAMINATION – 4 YDC
SOCIOLOGY
(NEW SCHEME)

Time : 3 Hours

Max. Marks : 75

ANSWER THE FOLLOWING QUESTIONS

<u>Write an essay on any **TWO** of the following</u>   2x15=30

1) Differentiate between rural and urban community along with their   15
    salient features?

2) What is social change? Explain various factors of social change?   15

3) Explain the causes and effects of population explosion? What are the   15
    steps taken by the Government to control population explosion?

<u>Write short notes on any **FIVE** of the following</u>:   5X5=25

4)   Factors influencing cultural change
5)   Child Marriage Restraint Act
6)   Theories of caste system
7)   Rights of women and children
8)   Classification of social groups
9)   Consequences of poverty
10) Stages of socialization

<u>Write brief answers on the following</u>:   10x2=20

11) Define Racism
12) Define Achieved status
13) Define Primary group
14) Enlist the advantages of competition
15) Define Nuclear Family
16) Define Child labour
17) Define Spatial Isolation
18) Define Sororal polygamy
19) Define Cultural Lag
20) Enumerate the objectives of Family Welfare Programmes

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – AUGUST, 2021
SECOND YEAR EXAMINATION – 4 YDC
COMMUNICATION & EDUCATIONAL TECHNOLOGY
(NEW SCHEME)

Time : 3 Hours   Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1) a) Define objectives   3+6+6=15
   b) List down the purposes of educational objectives
   c) Discuss the various types of educational objectives

                                                                                            15
2) Support and comment "computer is very necessary in nursing profession"

3) a) Define Health Education   3+6+6=15
   b) Explain the methods of communicating health messages
   c) Role of Nurse in health education

Write short notes on any **FIVE** of the following: 5X5=25

4) Nursing rounds
5) Steps of lesson planning
6) Problem solving as a method of teaching
7) Process of communication
8) Principles of making effective A V Aids
9) Maxims of teaching
10) Group discussion

Write brief answers on the following:

                                                                                    10x2=20
11) Enlist the purposes of evaluation
12) Enumerate the factors influencing Ideal classroom environment
13) List down the purposes of interpersonal relationship
14) List the usages of flash cards
15) Define Anecdotal record
16) Enumerate the advantages of Self- instructional module
17) Define Symposium
18) List down the disadvantages of Observation method
19) Define Process recording
20) List down the general aims of education

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc (Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
SECOND YEAR EXAMINATION – 4 YDC
MEDICAL SURGICAL NURSING – I
(NEW SCHEME)

Time : 3 Hours

Max. Marks : 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following: 2x15=30

1) a) Define fracture.   2+6+7=15
    b) Discuss the pathophysiology and clinical manifestations of fracture.
    c) Prepare a nursing care plan for a patient with plaster cast application.

2) a) What are the etiological factors of pancreatitis?   3+7+5=15
    b) Write the pathophysiology and diagnostic measures for acute pancreatitis.
    c) Explain the surgical management of a patient suffering from chronic pancreatitis.

3) a) Explain the etiological factors and pathophysiology of Bronchial Asthma.   5+10=15
    b) Explain the management of client with Status Asthmaticus

Write short notes on any **FIVE** of the following: 5X5=25
4) Iron deficiency anaemia
5) Insulin therapy
6) Liver abscess
7) Prevention of HIV infection
8) Cryptorchidism
9) Pathophysiology of Cushing's Syndrome
10) Explain the stages of Atherosclerosis

Write brief answers on of the following: 10x2=20
11) What is Hyposphadiasis?
12) Enumerate the types of Amputation
13) Enlist the uses of Sitz bath
14) Enumerate the role of circulatory nurse
15) List the records maintained Intensive Care Unit
16) Define Orchitis
17) Define What is Gynaecomastia
18) Enumerate the ECG changes in Hyperkalemia
19) What are the Clinical manifestations in Nephrotic Syndrome?
20) Enumerate John's criteria used in diagnosis of RHD.

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B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FIRST YEAR EXAMINATION - 4 YDC
NURSING FOUNDATIONS
(NEW SCHEME)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1) a) Define illness.   2+5+8=15
    b) Write the illness behavior.
    c) Explain the impact of illness on patient and family.

2) a) Define Pressure Ulcer.
    b) Write the common sites of Pressure Ulcer.   2+5+3=15
    c) Explain the role of Nurse in taking care of patient with Pressure Ulcer.

3) a) Define therapeutic effects.   2+5+8=15
    b) Write the routes of administration of medication.
    c) Explain in detail about administration of intramuscular injection.

Write short notes on any **FIVE** of the following: 5X5=25
4)   Admission procedure
5)   Barriers to effective communication
6)   Planning phase of Nursing process
7)   Purposes of documentation
8)   Methods of physical examination
9)   Hospital acquired infection
10) Principles of applying bandages

Write brief answers on the following: 10x2=20
11) Define respiratory acidosis
12) List the functions of hospital
13) List the factors affecting body temperature
14) List the safety devices
15) Enumerate the links in the chain of infection
16) List the ethical principles in Nursing
17) List the factors affecting sleep
18) List the risk factors of Hypertension
19) Enumerate the attitudes for critical thinking
20) Enumerate the types of enema

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FIRST YEAR EXAMINATION – 4 YDC
ANATOMY & PHYSIOLOGY
(NEW SCHEME)

Time : 3 Hours   Max. Marks: 75
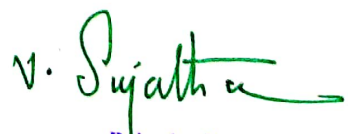
Note : Answer Part-A & B in TWO separate answer books.
Questions in Part'A' should not be answered in Part'B' and
Vice versa. Otherwise they will not be valued.

PART-A (ANATOMY) – 37 MARKS

Write an essay on any **ONE** of the following: 12x1=12
1) Enumerate the organs of respiratory system. Explain lungs in detail.
2) Name the parts of the central nervous system. Describe the cerebrum in detail.

Write short notes on any **THREE** of the following: 3x5=15
3) Fallopian Tube
4) Thyroid gland
5) Large intestine
6) Eyeball
7) Larynx

Write brief answers on the following: 5x2=10
8) Name four long bones in the human body
9) Name four arteries used to calculate pulse rate
10) Differences between thick and thin skin
11) Name the salivary glands
12) Name the four muscles of the upper arm

PART-B (PHYSIOLOGY) – 38 MARKS

Write an essay on any **ONE** of the following   13x1=13
13) Define blood pressure. Explain the factors regulating blood pressure in detail. Add a note on hypertension.
14) Describe in detail with a help of diagram the mechanism of skeletal muscle contraction.

Write short notes on any **THREE** of the following: 3x5=15
15) Refractive errors
16) Factors affecting glomerular filtration rate
17) Functions of Hypothalamus
18) Neural regulation of respiration
19) Secretion of posterior pituitary gland and its functions

Write brief answers on the following: 5x2=10
20) Any two functions of cell membrane
21) List down the functions of stomach
22) Define Dead space
23) Name any two contraceptive methods
24) Enumerate the composition of Bile

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B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FIRST YEAR EXAMINATION - 4 YDC
NUTRITION & BIOCHEMISTRY
(NEW SCHEME)

Time : 3 Hours

Max. Marks: 75

Note : Answer in TWO separate answer books.
Questions in Part'A' should not be answered in Part'B' and
Vice versa. Otherwise they will not be valued.

PART-A (NUTRITION) – 45 MARKS

Write an essay on any **TWO** of the following

1) Describe the sources, functions and requirements of carbohydrates.
2) Nutrition problems in India. Add a note on national nutritional policy.
3) Describe the importance of nutrition, macro and micro nutrients.

2x10=20

Write short notes on any **THREE** of the following:

4) Digestion, absorption and metabolism of fats
5) Body mass index and basic metabolism
6) Hyper vitaminosis
7) Electrolyte balance
8) Prevention of food adulteration (PFA)

3x5=15

Write Brief Answers of the following:

9) Enlist the good sources of vitamin C
10) Name the essential amino acids
11) Enlist the importance of Balanced diet
12) Define Caloric value
13) Enumerate the importance of Mid-day meal programme

5x2=10

PART-B (BIOCHEMISTRY) – 30 MARKS

Write an essay on any **ONE** of the following

14) Describe classification, functions and chemistry of lipids.
15) Describe the structure and function of haemoglobin and deficiency of haemoglobin.

10

Write short notes on any **TWO** of the following:

16) Acid base balance
17) Regulation of blood glucose
18) Blood buffers level
19) Digestion and absorption of protein
20) Isoenzymes

2x5=10

Write Brief Answers of the following:

21) Define Immune responses
22) Enumerate the Tests of sugar
23) Enlist the Functions of thyroid
24) Define Calorie value
25) Define Mitochondria

5x2=10

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DR NTR UNIVERSITY OF HEALTH SCIENCES:: AP :: VIJAYAWADA

B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FIRST YEAR EXAMINATION - 4 YDC
PSYCHOLOGY
(NEW SCHEME)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

<u>Write an essay on any **TWO** of the following</u>   2x15=30

1) a) Define learning.   2+5+8=15
   b) Enumerate the theories of learning.
   c) Explain any one theory of learning in detail.

2) Discuss the role of heredity and environment in the development of   15
   human behavior.

3) Define perception. Discuss the principles of perception and explain   15
   the errors of perception.

<u>Write short notes on any **FIVE** of the following:</u>   5X5=25

4) Importance of Psychology in Nursing
5) Enlist the Ego defence mechanism – Explain any one
6) Explain the determinants of attention
7) Explain the role of emotions in health and sickness
8) Explain about stress management
9) List out the characteristics of mentally healthy person
10) Explain about conflict resolution

<u>Write brief answers on the following:</u>   10x2=20

11) Define frustration
12) Concept of mental hygiene and mental health
13) Meaning of topography
14) Enlist the types of memory
15) Define span of attention
16) Meaning of self actualization
17) Define illusion
18) Define aptitude
19) Define intelligence
20) Parts of neurons

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B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FIRST YEAR EXAMINATION - 4 YDC
ENGLISH
(NEW SCHEME)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

SECTION – I (35 MARKS)

1. Answer any **ONE** of the following essay questions: 10

   a) Narrate the story 'A service of love'.
   b) What is the significance of the title 'The last leaf'?

2. Answer any **ONE** of the following essay questions: 10

   a) What is the role of Clara Barton in nursing field?

   b) What is the 'Colours of Nature' teach us?

3. Answer any **THREE** of the following in a paragraph: 3X5=15

   a) Whom did the police man meet at night?

   b) What do people do on Thanks giving day?

   c) How is Ellen saved by Johansens?

   d) Why did Aksionov's wife stop him from going to Nizny fair?

   e) What did Anne Marie see from her bedroom door?

SECTION – II (20 MARKS)

4. Write a letter to Hospital Nursing Superintendent asking for relief as you got a job elsewhere. 10

5. Write a paragraph on any **ONE** of the following: 5

   a) Nurse as Covid-19 warrior

   b) Importance of Eco friendliness

6. Write a paragraph on any **ONE** of the following: 5

   a) Immune system and our Health

   b) Ill effects of pollution

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DR NTR UNIVERSITY OF HEALTH SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS – FEBRUARY, 2021
FIRST YEAR EXAMINATION - 4 YDC
MICROBIOLOGY
(NEW SCHEME)

Time : 3 Hours

Max. Marks: 75

ANSWER THE FOLLOWING QUESTIONS

Write an essay on any **TWO** of the following   2x15=30

1) Describe in detail the structure and function of cell wall and cell   15
    membrane of gram negative.

2) Describe in detail the pathogenesis and lab diagnosis of Vibrio cholera.   15

3) Enumerate the Intestinal Nematodes. Write briefly morphology,   15
    pathogenicity and laboratory diagnosis of Ascaris Lumbricoides.

Write short notes on any **FIVE** of the following: 5X5=25

4) Principle and application of ELISA
5) Blood culture
6) Prophylaxis of Hepatitis B Virus
7) Personal Protective Equipments (PPE)
8) Louis Pasteur
9) Autoclave
10) Role of nurse in infection control

Write brief answers on the following: 10x2=20

11) Enumerate the principles in sterilization of Glasswares
12) Enlist the types of Nosocomial infection
13) Name the species of Malaria
14) Name the agents causing meningitis
15) Name four intestinal Flukes
16) Mention four characteristics of an ideal culture medium
17) Name four viral vaccines
18) Draw a neat labelled diagram of EGGs of Schistosoma
19) Define Zoonotic infection. Give two examples
20) Give two difference between exotoxin and endotoxin

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