Serial No. 7111

POST BASIC B.Sc. (NURSING) – 1st Year, JUNE, 2016
(Nursing Foundation, Paper Code: 0402101)

Time: 02 Hours

Instructions:
1. Write your Roll No. on the Question Paper.
2. Candidates should ensure that they have been provided with the correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exam. No Complaints will be entertained thereafter.
3. Draw the diagram wherever required.
4. Attempt all questions. Parts of question should be attempted in sequential order.

1. Answer any one question (Long Essays) (1x10=10)
   a- Explain concept, principles of Primary Health Care (PHC) and role of a nurse in PHC.
   b- Enlist different development stages of an individual. Describe the developmental stages in Toddler and explain the role of Nurse in promoting Health and preventing illness.

2. Answer any three questions (Short Essays) (3x5=15)
   a- Career in nursing in India.
   b- Nursing process a tool for nursing care plan.
   c- Development of Nursing Education in India.
   d- Quality Assurance.
   e- Ethical issues in Nursing.

3. Answer any five questions (Short Answers) (5x2=10)
   a- Legal significance of nursing standards.
   b- Physiological Response to stress and adaptation.
   c- Recording.
   d- Concept of health and illness continuum.
   e- Holistic Nursing.
   f- Criteria for recognition of Nursing as a profession.

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POST BASIC B.Sc. (NURSING) – 1st Year, JUNE, 2016
(NUTRITION AND DIETETICS, PAPER CODE: 0402102)

Time: 02 Hours
Max. Marks: 35

Instructions:
1. Write your Roll No. on the Question Paper.
2. Candidates should ensure that they have been provided with the correct question papers. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exam. No Complaints will be entertained thereafter.
3. Draw the diagram wherever required.
4. Attempt all the questions. Parts of question should be attempted in sequential order.

Answer any one question (LONG ESSAY)

Q1. a- Define supplementary feeding. (02)
b- Describe the factors to be considered in planning of supplementary feeding for infants. (05)
c- Enlist the advantages of supplementary feeding. (03)

OR

Explain in detail about methods of food hygiene, preparation and preservation for a healthy family. (10)

Q2. Answer any three questions (SHORT ESSAYS)
   a- Discuss the current nutritional problems in India. (03)
   b- Describe school lunch programme. (03)
   c- Methods of assessing nutritional status of community. (03)
   d- Routine hospital diet. (03)
   e- Diet therapy. (03)

Answer any one question

Q3. a- Write down the factors on which balanced diet depend. (2½)
b- Discuss about micro and macro nutrients. (2½)
c- How to calculate BMI, explain with example. (2½)
d- Discuss about weaning diet. (2½)

OR

Define malnutrition, explain its types and discuss the role of nurse to prevent and control on malnutrition. (10)

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PART - I (BIOCHEMISTRY)

Q1. Attempt the following (Long Essays):
   a- Study of cell and its various components.
   b- Explain importance of Biochemistry in nursing.

OR

Digestion and absorption of proteins.

Q2. Attempt any three of the following (Short Essays):
   a- Fluid mosaic model of cell membranes.
   b- Heteropolysaccharides.
   c- Diagnostic importance of enzymes.
   d- Phospholipids.

Q3. Attempt all the following (Short Answers):
   a- Essential fatty acids
   b- Plasma proteins
   c- Serum electrolytes
   d- Body buffers
   e- Galactosaemia
   f- Structure and function of cholesterol

PART - II (BIOPHYSICS)

Q1. Attempt all the following (Long Essays):
   a- Define the term electricity and its type.
   b- Discuss electricity in solid and electrotypes.
   c- Write down the characteristics of electromagnet waves.

OR

What is meant by accommodating purses of an eye. Describe its defects with their causes and how to improve it?

Q2. Attempt any four of the following (Short Essays):
   a- Effect of heat on matter.
   b- Use of light in therapy.
   c- Ocular pressure.
   d- ECG
   e- Frequency

Q3. Attempt all the following (Short Answers):
   a- Atmospheric pressure
   b- Energy
   d- MRI
   e- Ultrasound
1. Attempt ANY TWO of the following (Long Essays):-
   a- Define psychology and explain in detail the methods in psychology.
   b- What is motive? Classify motives. Describe in detail about physiological motives.
   c- Explain heredity and environment & discuss their role in causing individual differences.

2. Attempt ANY SEVEN of the following (Short Essays):-
   a- Explain factors affecting attention.
   b- Discuss the role of emotions in health and illness.
   c- Enumerate the laws of learning. Explain briefly.
   d- Explain factors influencing Memory.
   e- Describe various methods of determining the intelligence and abilities.
   f- Explain the different types of conflicts with example for each.
   g- Write a note on the characteristics of mentally healthy person.
   h- Explain the psychological development during adolescence.
   i- Write a short note on sensory process.
   j- Discuss the role of nurse in change of attitude.

3. Attempt ALL the following (Short Answers):-
   a- Defense mechanism
   b- Frustration
   c- Mental hygiene
   d- Forgetting
   e- Self actualization
   f- Intelligence quotient
   g- Errors in perception
   h- Motivation
   i- Personality
   j- Individual differences

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POST BASIC B.Sc. (NURSING) – 1st Year, JUNE 2016
(MATERNAL NURSING, Paper Code: 0402105)

Time: 03 Hours
Max. Marks: 75

Instructions:
1. Write your Roll No. on the Question Paper.
2. Candidates should ensure that they have been provided with the correct question papers. Complaint in this regard, if any, should be made within 15 minutes of the commencement of the exam. No Complaint will be entertained thereafter.
3. Draw the diagram wherever required.

Write long Essays on any Two out of Q1 to 3 :-

Q1. a- Define ‘Frank Breech’. (2)
b- List the complications of breech presentation. (3)
c- Discuss the methods of vaginal breech delivery. (5)

Q2. a- Define Puerperium. (2)
b- Explain physiology lactation. (3)
c- Explain any two minor ailments of puerperium and their management. (5)

Q3. a) Discuss the physical features of newborn at birth. (4)
b) Explain nursing management of a new born baby born to HIV positive mother. (6)

Q4. Write Short Essays on any Seven of the following: (7x5=35)
a- Minor ailments in pregnancy
b- Essential New Born care
c- Ectopic Pregnancy
d- Exclusive Breast feeding
e- Forceps Delivery
f- Foetal_Circulation
g- Medical Termination of pregnancy Act
h- Female infertility
i- Causes of maternal mortality
j- Puerperal Sepsis

Q5. Write short notes on the following :-(8x2½=20)
a- Partograph
b- Gestational Diabetes
c- Episiotomy
d- Polyhydramnios
e- Placenta Previa
f- Diagnosis of pregnancy
g- Mastitis
h- Breast engorgement

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POST BASIC B.Sc. NURSING-1st YEAR ANNUAL EXAMINATION, JUNE/JULY- 2016
(SUB:- CHILD HEALTH NURSING; Paper Code: 0402106)

Time : 03 hrs  Maximum Marks : 75

Instructions :
1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respect. Complaints in this regard, if any, should be made to the invigilatory staff on duty in the exam centre within 15 minutes of the commencement of the exam. No complaint shall be entertained thereafter.
3. Attempt all questions. Parts of a question should be attempted in sequential order.
4. Draw the diagram wherever required.

Q.1 Answer any two from A to C - 2x10=20

A.  a) Define Protein Energy Malnutrition (PEM). 2
    b) Enlist the type of Protein Energy Malnutrition (PEM). 3
    c) Describe the medical and nursing management including preventive aspects of Protein Energy Malnutrition (PEM). 5

B.  a) Define Meningitis. 2
    b) Discuss Sign and Symptoms of meningitis. 3
    c) Discuss the nursing care of child with meningitis. 5

C.  a) Define Thalassemia. 2
    b) Classify Thalassemia. 3
    c) Describe the various treatment modalities including nursing management of Thalassemia. 5

Q.2 Answer any seven of the following: 7x5=35
    a) Immunization Schedule.
    b) Reflexes of the newborn.
    c) Pyloric Stenosis.
    d) National programmes related to child health and welfare.
    e) Tetralogy of fallot.
    f) Immediate care of the Newborn.
    g) Otitis Media.
    h) Spina bifida.
    i) Glomerulonephritis.

Q.3 Answer all the following: 2x10=20
    a) Infant Mortality Rate (IMR).
    b) Breast feeding.
    c) Factors influencing growth and development.
    d) Apgar Score.
    e) Enuresis.
    f) Pica.
    g) Epispadiasis.
    h) Croup.
    i) Leukemia.
    j) Club Foot.
POST BASIC B.Sc. NURSING–1st YEAR ANNUAL EXAMINATION, JULY-2016
(SUB:- MICROBIOLOGY; Paper Code: 0402107)

Time : 03 hrs  Maximum Marks : 75

Instructions:
1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respect. Complaints in this regard, if any, should be made to the invigilatory staff on duty in the exam centre within 15 minutes of the commencement of the exam. No complaint shall be entertained thereafter.
3. Attempt all questions. Parts of a question should be attempted in sequential order.
4. Draw the diagram wherever required.

Q.1 Long Essay (Answer any two) (2x10=20)

A) a) Define sterilisation. (1)
b) List the methods of sterilisation. (3)
c) Write the role of Nurse before, during and after sterilization. (6)

B) a) What do you mean by Staining. (1)
b) What are the various types of Staining techniques. (4)
c) Describe briefly the procedure of Gram’s Staining or Acid Fast Staining. (5)

C) a) Explain mode of transmission, laboratory diagnosis and treatment of pulmonary tuberculosis. (5)
b) Write down the role of a nurse in prevention of transfer of microbes from one person to another. (5)

Q.2 Answer any seven of the following (7x5=35)

a) Hypersensitivity.
b) Differences between virus and bacteria.
c) Principle of microbiology.
d) Role of a nurse in Biomedical Waste Management.
e) Difference between vaccine and sera.
f) Antigen-antibody reaction.
g) Food born diseases.
h) Difference between Exotoxins and Endotoxins.
i) ELISA and its uses.
j) Bacterial growth curve.

Q.3 Answer all the following (10x2=20)

a) Negri bodies.
b) Autoclave.
c) Terminal disinfection.
d) Food poisoning.
e) Bordatella Purtusis.
f) Fumigation.
g) Immunoglobulins.
h) Parts of microscope.
i) Name of four RNA viruses.
j) Blood culture.
POST BASIC B.Sc. (NURSING) – 1st Year, JUNE 2016
(MEDICAL AND SURGICAL NURSING, Paper Code: 402108)

Time: 03 Hours  Max. Marks: 75

Instructions:
1. Write your Roll No. on the Question Paper.
2. Candidates should ensure that they have been provided with the correct question papers. Complaint in this regard, if any, should be made within 15 minutes of the commencement of the exam. No Complaint will be entertained thereafter.
3. Draw the diagram wherever required.

Q1. Mr. Raj Kumar, 30 years old man admitted in critical care unit:
   (3x5=15)
   a) What infection control measures will you take while giving care to Mr. Raj Kumar?
   b) Describe the monitoring of critically ill patients.
   c) List five life saving drugs used in critical care unit along with their action, indications, dose and side effects.

Q2. Write short notes on any Five of the following:
   (5x5=25)
   a) Functions of the scrubbed Nurse.
   b) Principles of the pain Management
   c) Eye banking
   d) Legal aspects involved for the patient with burns.
   e) Stem cell and Bone Marrow transplantation.
   f) Refractive errors.
   g) Infective Hepatitis.

Q3. Mr. Roy is admitted to the dialysis unit with Chronic Renal failure:
   (3x5=15)
   a) Differentiate between peritoneal dialysis and hemodialysis.
   b) Explain the principles underlying hemodialysis.
   c) Describe the nurse’s responsibilities before, during and after the hemodialysis of a patient.

Q4. Mr. Mohan, 50 years old male suffering from chronic Crohn’s disease has developed Malabsorption syndrome:
   (2x4=8)
   a) List the common causes of malabsorption
   b) Enumerate the system wise clinical manifestation of malabsorption with their pathophysiological basis.

Q5. Write the nursing management of the patient with any three of the following:
   (3x4=12)
   a) Diabetes Mellitus
   b) Herniorrhaphy
   c) Chemotherapy
   d) Skeletal Traction
   e) Spinal Anesthesia

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