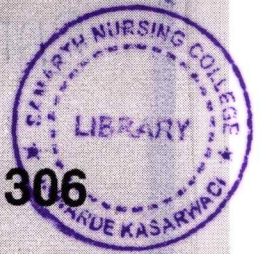### First P.B. B.Sc. Nursing Examination, Summer 2012
MATERNAL NURSING

Total Duration: Section A + B + C = 3 Hours   Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions:
1) *All* questions are **compulsory**.
2) The number to the **right** indicates **full** marks.
3) **Draw** diagrams *wherever* **necessary**.
4) Do not write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.

SECTION – B

2. Answer the following (**any five** out of six) :   **(5×3=15)**
   a) Cord prolapse
   b) Lochia
   c) Contracted pelvis
   d) Antenatal clinic
   e) Causes of puerperal sepsis
   f) Types of Caesarean section.

3. Answer the following (**any three** out of four) :   **(3×5=15)**
   a) Induction of labour
   b) Involution of the uterus
   c) Umbilical sepsis
   d) Preparation of labour room.

SECTION – C

4. Answer **any two** LAQ out of Q. 4, 5 and 6 :   **(1×15=15)**
   a) What is Toxaemia of pregnancy and write down the causes of pre-eclampsia ?   5
   b) Explain signs and symptoms of pre-eclampsia and its prevention.   5
   c) Describe the nursing and medical management of eclampsia.   5

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5.

                                                                                (1×15=15)

   a) Define obstructed labour and write the causes of obstructed labour.   5

   b) Describe the sign and symptoms.   5

   c) Write the management during labour of the patient with obstructed labour.   5

6.

                                                                                      (1×15=15)

   a) Define Normal Labour and describe in details the signs and symptoms of 1st stage of labour.   5

   b) Explain mechanism of Normal Labour.   5

   c) Explain the management of labour.   5

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First P.B. B.Sc. Nursing Examination, Summer 2012
BIOCHEMISTRY AND BIOPHYSICS

Total Duration: Section A + B + C = 3 Hours   Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions: 1) **All** questions are **compulsory**.
     2) The number to the **right** indicates **full** marks.
     3) Draw diagrams **wherever** necessary.
     4) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.

SECTION – B
Biochemistry

2. Answer the following (**any three** out of five) :   **(3×5=15)**

   a) Distribution of electrolytes and their function.

   b) Glucose Tolerance Test.

   c) Structure of DNA.

   d) Steps and energetic of Kreb's cycle.

   e) Specific Dynamic Action.

3. Digestion and absorption of carbohydrates, proteins and lipids.   **(1×7=7)**

4. Explain the formation of uric acid and add a note on gout.   **(1×8=8)**

SECTION – C
Biophysics

5. Answer the following (**any three** out of five) :   **(3×5=15)**

   a) Differential speed and velocity.

   b) State the law of conservation of energy.

   c) Hydrostatic pressure.

   d) Newton's second law of motion with example.

   e) Measurements of pressures in the body.

6. Explain the effects of gravity on human body.   **(1×7=7)**

7. Explain in detail about electronic equipments used in patent care.   **(1×8=8)**

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First P.B. B.Sc. Nursing Examination, Summer 2013
BIOCHEMISTRY AND BIOPHYSICS

Total Duration : Section A + B + C = 3 Hours

Section B & C Marks : 60

SECTION – B & SECTION – C

Instructions: 1) **All** questions are **compulsory**.

2) The number to the **right** indicates **full** marks.

3) **Draw** diagrams wherever **necessary**.

4) Do not write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.

SECTION – B
Biochemistry

2. Answer the following (**any 3** out of 5) :   (3×5=15)

   a) Plasma proteins and their functions

   b) Significance of HMP shunt

   c) Factors affecting enzyme activity

   d) Gout

   e) RNA

3. Long answer question   (1×7=7)

   Describe Ketone body formation and its utilization.

4. Long answer question   (1×8=8)

   How blood glucose level is regulated ? Give normal values of fasting and post-meal blood glucose.

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SECTION – C

Biophysics

5. Answer the following (**any three** out of five)   (3×5=15)

   a) What is force ? Explain Russell traction with the help of diagram.

   b) Explain Pascal Law. Give its clinical importance.

   c) Write in detail first and second class lever with examples.

   d) Describe gravity. Write its application for nurses.

   e) Hydrostatic Pressure.

LAQ   (1×7=7)

6. Define Motion. Write three different Neuton's law of motion with suitable examples.

LAQ   (1×8=8)

7. Explain in detail about electronic equipments used in patient care.

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First P.B. B.Sc. Nursing Examination, Summer 2012
CHILD HEALTH NURSING

Total Duration : Section A + B + C = 3 Hours   Section B & C Marks : 60

SECTION – B & SECTION – C

Instructions : 1) **All** questions are **compulsory**.

2) The number to the **right** indicates **full** marks.

3) **Draw** diagrams wherever **necessary**.

4) Do not write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.

SECTION – B

2. Answer the following (**any five** out of six) :   (5×3=15)

   a) Reaction of preschool child to hospitalization

   b) Problems of breast feeding

   c) Under five clinics

   d) Principles and uses of restraints in children

   e) Nursing Management for neonatal hypoglycemia

   f) Sign and symptoms of Kwashiorkor.

3. Answer the following (**any three** out of four) :   (3×5=15)

   a) Care of child with colostomy

   b) Prevention of accident in children

   c) Factors influencing on growth and development

   d) Thermoregulation in a new born.

P.T.O.

SECTION – C

Answer **any two** LAQ out of Q. **4, 5** and **6** :

4. Sanjay 11 months old child admitted in pediatric unit due to diarrhea with a 3rd degree dehydration

          (15×1=15)

   a) What are the causes of diarrhea ?

     2

   b) List down the clinical features of 3rd degree dehydration.

     4

   c) Plan a nursing care for Sanjay.

     5

   d) What health teaching you will give to the mother to prevent the diarrhea ?   **4**

5. New born Baby admitted in pediatric surgery ward with excessive salivation, constant drooling large amount of secrection from the nose. Pediatrician diagnosed as tracheo-esophageal fistula with atresia.

          (15×1=15)

   a) Define trachea-esophageal fistula and atresia.

     2

   b) Classification of trachea-esophageal fistula and atresia with diagram.

     5

   c) Write down pre and post operative nursing care.

     8

Anil 5 years old child admitted with massive edema, protenuria and hypertension. Pediatrician diagnosed as nephritic syndrome. Give answer to the following question :

          (15×1=15)

   a) Define Nephotic syndrome.

     2

   b) Explain the pathophysiology and clinical manifestation.

     5

   c) Discuss the nursing management of Anil.

     8

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