**SHREE H. N SHUKLA NURSING INSTITUTE – RAJKOT**

**I TERM EXAMINATION**

**Sub.- Nutrition and Biochemistery B.Sc nursing 1st Year**

**SECTION-I(NUTRITION) (45 MARKS)**

**Q-1 LONG ESSAY (ANYONE) (15\*1=15)**

1. Classification of food (10)

Explain about Food standards (05)

**OR**

1. Define vitamin and classify the vitamin (05)

Write the function, sources, RDA and deficiencies of vitamin A (10)

**Q-2SHORT ESSAY (ANY THREE (5\*4=20) (20 MARKS)**

1. Carbohydrate 2. Functions of protein

3. Assessment of nutritional status 4. Fat 5.National nutritional policies

**Q-3 DEFINES THE FOLLOWING (5\*2=10) (10 MARKS)**

1. Health 2.RDA 3.Nutrition

4.Balance diet 5. BMI 6. Nutrients

**SECTION – II (BIOCHEMISTRY) TOTAL=30**

**Q-4 LONG EASSAY (10 MARKS)**

1. Explain structure, composition and functions of cell.

OR

1. Describe fluid mosaic model and Write function of cell membrane

**Q-5 SHORT ESSAY (3X5=15) (15 MARKS)**

1. Significance of Biochemistry in Nursing.
2. Explain Membrane transport mechanism.
3. TCA cycle
4. Glycolysis.

**Q-6 DEFINETHE FOLLOWING (5X1=05) (05 MARKS)**

1.Biochemistry 2. Microscopy 3. Cell membrane

4. Osmosis 5. Carbohydrates.