

F.Y. B.Sc. (Nursing) Examination
Nutrition & Biochemistry

[Max. Marks : 75]



29-01-2016 Friday]

1.3 Hours

- Instructions : (1) Answer to the point.
(2) Figure to the right indicates marks
(3) Draw diagrams wherever necessary
(4) Write legibly.
(5) Use separate answer books for each section.

Section-I

4x2=8

- Q-1 Define following (Any four)
1) Macronutrient 2) Nutrition 3) Therapeutic diet
4) Hypervitaminosis 5) Recommended Daily Allowance
- Q-2 Write Short notes. (Any three)
A. Factors affecting BMI
B. Digestion process of fat
C. Electrolyte imbalance
D. Assessment of nutritional status.
- Q-3 Write dietary sources of following. (Any three)
1. Vitamin B 2. Calcium
3. Carbohydrates 4. Vitamin A
- Q-4 a. Explain principles of cookery.
b. Write prevention of food adulteration act.
c. Explain methods of cooking.

3X5=15

3x2=6

4

4

8

Section- II

4x2=8

- Q-5 Briefly answer following. (Any four)
1. Biochemical role of vitamin A
2. Biochemical functions of Zinc.
3. Factors affecting iron absorption.
4. Function of essential fatty acids.
5. Define glycolysis.
- Q-6 Write short notes. (any two)
a. Significance of biochemistry in nursing.
b. Structure of cell membrane.
c. Buffers of the body fluid.
- Q-7 Describe following (any two)
a. Regulation of blood glucose level.
b. Ph buffer.
c. Mechanism of antibody production.

2x5=10

2x6=12