

Madhya Pradesh Medical Science University, Jabalpur
BSc. Nursing First Year Main Examination March 2019
Paper Code:- 19AN0000101611
Subject:- Nutrition & Biochemistry

Time: 3 Hours

Maximum Marks: 75

- 1) Both parts (Part-A and Part-B) are compulsory.
- 2) Answer parts A & B in separate answer scripts.
- 3) All questions are compulsory
- 4) Draw diagrams wherever necessary
- 5) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 6) 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.
- 7) Student can answer the question in both Hindi and English Language.

Section A Nutrition

Mark: 45

Q. 1 Define (Any five)

(5X2=10)

- a. Calorie
- b. Malnutrition
- c. BMR(Basal Metabolic Rate)
- d. Rickets
- e. Micronutrients
- f. Balance diet

Q.2 a. Write the classification of carbohydrate.

7

b. Describe the dietary source, function and absorption of carbohydrate

8

Q.3 a. Define Food Preservation.

(5X4=20)

b. Discuss principles of food preservation

Q.4 Write short note (Any three)

(3X5=15)

- a. Dehydration
- b. Prevention of food adulteration
- c. Food groups
- d. Vitamin A deficiency programme

Section B - Biochemistry

Mark 30

Q.1 Write the short Note (Any Two)

2 X 5 =10

- a. Lipoproteins
- b. Glycogenolysis
- c. PH buffer
- d. Myosin

Q.2 a. Enlist the types of vitamins

5

b. Write the Sources of each vitamins

5

Q.3 a. Enumerate properties of proteins

5

b. Write the deferent pathways of glucose metabolism in the body

5