

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
(5X2=10)

- Q.1** Define (Any five)
- 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.
 - b. Discuss principles of food preservation (5X4=20)
- 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
2 X 5 =10

- Q.1** Write the short Note (Any Two)
- 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