

Madhya Pradesh Medical Science University, Jabalpur
First Year B.Sc. Nursing Examination Feb - 2018 (Main)

Paper Code:- 18AN0000101611

Subject:- Nutrition & Biochemistry

Time: 3 Hours

Maximum Marks: 75

- 1) *All questions are compulsory*
- 2) *Attempt all question in serial order.*
- 3) *Illustrate your answer with well labelled diagram.*

Section-A Nutrition

45 Marks

- Q.No.1.** Define (Any Five) **(5x2=10)**
- a. Basal Metabolic Rate (BMR)
 - b. Balanced Diet
 - c. Hyperthyroidism
 - d. Gout
 - e. Body Mass Index (BMI)
 - f. Goiter
- Q.No.2.** a. Write the classification of Vitamin B. **4**
- b. Describe the sources, function and deficiency diseases of Vitamin A **6**
- Q.No.3.** Describe the role of a nurse in nutrition education **10**
- Q.No.4.** Write short note on (Any Three) **(5x3=15)**
- a. Methods of cooking
 - b. Classification of food
 - c. Prevention of food adulteration
 - d. Mid day meal programme

Section-B Biochemistry

30 Marks

- Q.No.1.** Write the short note the following (Any two). **(2x5=10)**
- a. Osmosis
 - b. Vitamin D
 - c. Ribosomes
 - d. Glucogenolysis
- Q.No.2.** a. Enlist the types of minerals **5**
- b. Write the sources of each mineral **5**
- Q.No.3.** Describe metabolism of cholesterol **5**
- Q.No.4.** Enumerate properties of proteins **5**