



NC-1806000601020001

First Year B. Sc. (Nursing) Examination
December - 2021
Nutrition & Biochemistry

Time : 3 Hours]

[Total Marks : 75

Instruction :

नीचे दृष्टवैक निशा-नीवाणी विगतो उतरवही पर अवश्य लखवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year B. Sc. (Nursing)

Name of the Subject :
Nutrition & Biochemistry

Subject Code No.: N C - 1 8 0 6 0 0 0 6 0 1 0 2 0 0 0 1

Section No. (1, 2,.....): 1&2

Seat No.:
0 1 0 1 4 0

Student's Signature

SECTION - I

- 1 Short Answer : (any five) 5×1=5
- (a) 1 gm of fat gives _____ KCAL
 - (b) Malnutrition
 - (c) Carbohydrate
 - (d) Macronutrient
 - (e) IDD
 - (f) ICDS
 - (g) Balanced diet
- 2 Short notes : (any six) 6×5=30
- (a) National Nutrition policy
 - (b) Elements of nutrition
 - (c) Protein deficiency
 - (d) Storage of fat
 - (e) Diarrhea
 - (f) Vitamin D
 - (g) Food Standards

3 Long Essay : (any one) 1×10=10

(a) Explain in details about Electrolyte imbalance & Role of nurse. 7+3

OR

(b) Explain in details about Mid-day meal programme and Role of Nurse. 7+3

SECTION-II

4 Short Answer : (any five) 5×1=5

(a) VLDL

(b) Antibody

(c) Electrophoresis

(d) ELISA

(e) pH buffers

(f) Chlorophylls

(g) Atherosclerosis

5 Short Notes : (any three) 3×5=15

(a) Urea Cycle

(b) Functions of cell membrane

(c) Sodium Pump

(d) Types of carbohydrate

(e) Functions of lipoprotein

6 Long Essay : (any one) 1×10=10

(a) Explain in details about Mechanism of antibody production.

OR

(b) Explain in detail about Enzymes.