



Date of Issue :

Centre :

Sup. Sign :

Seat No. :

**BU-5107-O**      Seat No. \_\_\_\_\_  
**First Year B. Sc. (Nursing) Examination**  
**June/July – 2014**  
**Nutrition and Biochemistry**

Time : 15 Minutes]

[Total Marks : 15

- Instructions:** (1) Section A should be taken back within first 15 minutes.
- (2) Put  in the appropriate box below the question number once only.
- (3) Use blue ball point pen only.
- (4) Each question carries one mark.
- (5) Students will not be allotted marks if he/she overwrites, strikes or put white ink on the cross once marked.

**SECTION - A**  
**(Objective Questions)**

1 (a) Multiple choice questions.

(1) Milk sugar is called

(a) Lactose

(b) Glucose

(c) Sucrose

(d) Galactose

(2) All of the following are substances for gluconeogenesis except

(a) Palmitic acid

(b) Lactic acid

(c) Glycerol

(d) Alanine

(3) The amount of protein in daily energy intake should be

(a) 10-15%

(b) 15-20%

(c) 20-25%

(d) 25-30%

(4) Which of the following digestive enzyme is present in gastric juice for protein digestion ?

(a) Pepsin

(b) Chymotripsine

(c) Trypsin

(d) Peptidase

(5) Which of the following is example of essential aminoacid for human being

(a) Leucine

(b) Clutamic acid

(c) Glycine

(d) Argimine

(b) Filling the Blanks.

(6) The prevention of food adulteration act passed on

\_\_\_\_\_

(7) Expand ICDS

\_\_\_\_\_

(8) Glycogenesis is a process by which glycogen is synthesized from

\_\_\_\_\_

(9) Number of amino acid present in protein are

\_\_\_\_\_

(10) Formula to calculate BMI

\_\_\_\_\_

(c) Match the following.

**A**

**B**

- |                 |                          |                                 |
|-----------------|--------------------------|---------------------------------|
| (11) Phosphorus | <input type="checkbox"/> | (a) Haemorrhage                 |
| (12) Vitamin D  | <input type="checkbox"/> | (b) Anemia                      |
| (13) Folic acid | <input type="checkbox"/> | (c) Formation of bone and teeth |
| (14) Vitamin K  | <input type="checkbox"/> | (d) Development of blood cells  |
| (15) Iron       | <input type="checkbox"/> | (e) Calciferol                  |
|                 | <input type="checkbox"/> | (f) Goiter                      |

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