



Date of Issue :

Centre :

Sup. Sign :

Seat No. :

BX-5153-O Seat No. _____
First Year (Post Basic) B. Sc. (Nursing) Examination
June/July – 2014
Biochemistry & Biophysics

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 : **1×10=10**

(1) Which is not a type of active transport ?

- (a) Exocytosis
- (b) Endocytosis
- (c) Transcytosis
- (d) Filtration

(2) Maltose is made up of

- (a) Glucose + Glucose
- (b) Glucose + Galactose
- (c) Glucose + Fructose
- (d) Fructose + Galactose

(3) One gram of fat gives how much Kcal

- (a) 4 Kcal
- (b) 10 Kcal
- (c) 9 Kcal
- (d) 15 Kcal

(4) Excess of glucose is converted into

- (a) Protein
- (b) Glycogen
- (c) Carbohydrates
- (d) Lipid

- (5) A reference man weighting 60 kg should consume protein per day.
- (a) 60 Gram
- (b) 60 Kilogram
- (c) 15 Gram
- (d) 30 Gram
- (6) Cholesterol is required for
- (a) Formation of bile
- (b) Precursor for all steroidal hormones
- (c) Formation of vitamin D
- (d) All the above
- (7) Protein part of enzyme is called
- (a) Substrate
- (b) Endoenzyme
- (c) Coenzyme
- (d) Apoenzyme
- (8) Which is not a fundamental unit ?
- (a) Mass
- (b) Length
- (c) Velocity
- (d) Time
- (9) The instrument used to measure atmospheric pressure is
- (a) Barometer
- (b) Siphon
- (c) Thermometer
- (d) Hydrometer

(10) SI unit of work is

(a) Watt

(b) Joule

(c) Pas

(d) Centigrade

(b) Define the followings :

1×5=5

(1) Force

(2) Displacement

(3) Body mechanics

(4) Hypermetropia

(5) Resistance
