

Reg. No:

Second Semester B.Sc Nursing Degree Regular Examinations
February 2023
Paper I – Applied Biochemistry and Applied Nutrition & Dietetics

Time: 3 Hrs

Total Marks: 75

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space • Answer all parts of a single question together
- Leave sufficient space between answers • Draw table/diagrams/flow charts wherever necessary
- Write section A and section B in separate answer books (32 Pages). Do not mix up questions from section A and section B

Section A – Applied Biochemistry

Q.P. CODE: 221010

Max. Marks: 25

Multiple Choice Questions**(4x1=4)****(choose the most appropriate answer from the options given)**

1. Ketone bodies are formed from
 - a) Acetyl CoA
 - b) Glycine
 - c) chylomicron
 - d) Glucose
2. Which vitamin is derived from cholesterol given below
 - a) Vitamin A
 - b) Vitamin B
 - c) Vitamin C
 - d) Vitamin D
3. Breakdown of Haemoglobin occurs in
 - a) 100 days
 - b) 110 days
 - c) 120 days
 - d) 130 days
4. Carbohydrate digesting enzyme present in mouth is
 - a) Amylase
 - b) Pepsin
 - c) Sucrase
 - d) Elastase

Short notes**(3x5=15)**

5. Explain the regulation of blood glucose level.
6. Give an account on Plasma proteins
7. Renal Function Tests

Differentiate the following**(3x2=6)**

8. ALT and ALP
9. MUFA and PUFA
10. Diabetes and Jaundice

(PTO)

