

First Year B.Sc Nursing Degree Supplementary Examinations
February 2026
Nutrition and Biochemistry
(2016 Scheme)

Time: 3 Hours

Max 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*
- *Write section A (32 Pages) and section B (32 Pages) in separate answer books. Do not mix up questions from section A and section B.*

Q P Code: 114010

Section A – Nutrition

Marks: 50

Short Essay

(2x7= 14)

1. How will you classify proteins based on their nutritive value. Discuss in detail the digestion, absorption of proteins.
2. Discuss in detail the RDA, sources and deficiency manifestations of vitamin A

Short Notes

(5x4=20)

3. Mid-day-meal Programme
4. Regulation of blood calcium levels
5. Role of food additives and its principle
6. Water intoxication
7. Hyponatremia

Answer Briefly

(4x4=16)

8. Obesity
9. Rickets
10. Essential fatty acids
11. National Iodine Deficiency Disorders (IDD) Programme

Q P Code: 115010

Section B – Biochemistry

Marks: 25

Short Essays

(2x5=10)

1. Urea cycle
2. Significance of alkaline phosphatase (ALP)

Short notes

(2x3=6)

3. Renal regulation of pH
4. Structure of immunoglobulin

Differentiate Between

(3x3=9)

5. LDL and HDL
6. Type 1 and Type 2 Diabetes mellitus
7. Active and passive transport

CORRECTION / NO-CORRECTION FILE
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QPCODE: 114010

Dated: 16-02-2026

QP CODE : 114010

Question No.4

Replaced with "Functions and dietary sources of Calcium."

Question No.6

Replaced with "Factors affecting food and nutrition."

QP CODE : 115010

Question No.2

Modified as "Significance of liver enzymes".

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS