

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.Sc. Nursing Degree Examination – 08.01.2024

Time: Three Hours

Max. Marks: 30 Marks

BIOCHEMISTRY
(RS-2, RS-3, RS-4 & RS-5)
Q.P. Code: 1756

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer All Questions

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS

1 x 10 = 10 Marks

1. Describe in detail the Hexose Monophosphate Pathway. Mention the significance of HMP pathway.

SHORT ESSAYS

2 x 5 = 10 Marks

2. Explain the regulation of acid-base balance in the body.
3. Explain Electrophoresis and their significance.

SHORT ANSWERS

5 x 2 = 10 Marks

4. List out four functions of Plasma membrane.
5. List out four examples of Polysaccharides.
6. Define Micelles.
7. Write down two functions of Vitamin A.
8. Enlist the functions of Elastin.
