Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 20-Jun-2023

Time: Three Hours **Max. Marks: 30 Marks**

BIOCHEMISTRY
(RS3, RS4 & RS5)
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)

1 x 10 = 10 Marks

LONG ESSAYS

1. Define Gluconeogenesis. Describe in detail about the pathway of Gluconeogenesis. Add a note on the significance of Gluconeogenesis.

2 x 5 = 10 Marks

SHORT ESSAYS

2. Define Diffusion. Enumerate the factors influencing Diffusion.
3. Enumerate the bio-chemical importance of protein.

5 x 2 = 10 Marks

SHORT ANSWERS

4. List out four functions of Ribosome.
5. List out two functions of Na^+ - K^+ Pump.
6. Write down two functions of Bile Salts.
7. List out four signs of Deficiencies of Vitamin A.
8. Write four functions of Myosin.

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