



# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – 27-Nov-2020

Time: 3 Hours

Max. Marks: 38 Marks

## BIOCHEMISTRY (RS3 & RS4)

**Q.P. Code : 1739**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

**(Note : Both OP Codes 1739 and 1740 are to be answered within total duration of 3 hours)**

### LONG ESSAYS (Answer any One)

**1 x 10 = 10 Marks**

1. Explain Biosynthesis of protein in eukaryotes.
2. Describe  $\beta$  - oxidation of palmitic acid. Add a note on its energetics.

### SHORT ESSAYS (Answer any Four)

**4 x 5 = 20 Marks**

3. Write any five diagnostic applications of enzymes.
4. Urea Cycle
5. GTT
6. Regulation of blood glucose
7. Glycogen synthesis

### SHORT ANSWERS

**4 x 2 = 8 Marks**

8. Biomedical waste management
9. Give the Normal value of Sodium and Total Cholesterol.
10. Classify carbohydrates
11. Mitochondria

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