**I Year B.Sc. Nursing Degree Examination – 22-Feb-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)

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| **LONG ESSAYS** | **1 x 10 = 10 Marks** |
| 1. | Define Carbohydrates. Classify Carbohydrates with examples. Write a note on bio-medical importance of Carbohydrates. |

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| **SHORT ESSAYS** | **2 x 5 = 10 Marks** |
| 2. | Write a short note on Passive Transport mechanism. |
| 3. | Define Enzyme. Explain Competitive inhibition with suitable examples. |

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| **SHORT ANSWERS** | **5 x 2 = 10 Marks** |
| 4. | List out four functions of Lysosome. |
| 5. | Define Glycosuria. |
| 6. | Define Phospholipids. |
| 7. | List four food sources of Vitamin A. |
| 8. | List out four Uses of ELISA test. |

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