

--	--	--	--	--	--	--	--	--	--

**GIET UNIVERSITY, GUNUPUR – 765022**

M. Sc (First Semester) Examinations, May – 2021

20LSPC102 – Biophysics and Biochemistry

(Life Science)

Time: 2 hrs

Maximum: 50 Marks

(The figures in the right hand margin indicate marks.)

PART – A**(2 x 10 = 20 Marks)**Q.1. Answer **ALL** questions

- Isomerism
- Hydrogen bond
- p^H
- Enthalpy
- Buffer
- Glycoprotein
- Lipoprotein
- Activation energy
- ATP
- Coenzyme

PART – B**(6 x 5 = 30 Marks)**Answer **ANY FIVE** questions

Marks

- | | |
|--|-----|
| 2. Ultrafiltration | (6) |
| 3. Structure of amino acid | (6) |
| 4. Lock and key model of enzyme action | (6) |
| 5. Ramachandran plot | (6) |
| 6. Breakdown of Glycogen | (6) |
| 7. Pathways of Gluconeogenesis | (6) |
| 8. Oxidative phosphorylation | (6) |

--- End of Paper ---