Total No. of pages: 2 BSC/Part-II/BCHM(G)-III/(Prac.)

2019

Part - II

BIOCHEMISTRY

(General)

Paper - III

(Practical)

Full Marks - 100

Time: 6 Hours

The figures in the right hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all questions.

- Estimate the glycine in the supplied sample by formal titration method. Write down the principle, procedure, result and calculate your data.
 [Level of error upto 5% 10%] 2+3+10+5
- Identify the specific carbohydrate / amino acid / lipid present in supplied unknown sample by systematic qualitative biochemical tests along with confirmative test in details.

[Sequential tests – 08, Correct identification – 03, confirmatory test – 04]

3.	Prepare casein from milk mentioning t	:he
	procedure of the test.	20
	[Principle - 02, Procedure - 04, Biochemic	cal
	test – 08, Correct preparation – 06]	
4.	Determine the acid number of supplied edible	oil.

Prepare casein from milk mentioning the

Mention the principle and procedure of the test. 25 [Principle - 02, Procedure - 03, Result - 12,

Calculatioin - 05, Inference - 03] 10 5. Viva - voce 10 6. Laboratory Note Book