

NEW
Part-II 3-Tier
2017
BIO-CHEMISTRY
(General)
PAPER—III
(PRACTICAL)

Full Marks : 100

Time : 6 Hours

The figures in the right-hand margin indicate full marks.

Answer all questions

1. Estimate the glucose in the supplied sample following Benedict method. 20

*[Principle—2, Procedure—3, Result—10,
Calculation—5, Level of Error upto 5%—10%]*

2. Identify the specific carbohydrate / amino acid / lipid present in supplied unknown sample by qualitative biochemical tests with confirmative test in details. 15

*[Sequential tests—8, Correct identification—3,
Confirmatory test—4]*

(Turn Over)

3. Prepare Cellulose from supplied material. Write the procedure of the test. 20
[Procedure—6, Biochemical test—8, Correct preparation—6]
4. Determine the saponification value of supplied edible oil. Mention the principle and procedure. 25
[Principle—2, Procedure—3, Result—15, Calculation—5, Minimum Error upto 5%—15%]
5. Viva-Voce. 10
6. Submission of Laboratory Note Book. 10
(duly signed by the class teacher)
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