

2020

BIOCHEMISTRY — HONOURS — PRACTICAL

Paper : DSE-B-1P

(Advanced Biochemistry)

Full Marks : 30

The figures in the margin indicate full marks.

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

1. (a) Write the principle for the separation of photosynthetic pigments by TLC.
(b) You carried out a TLC experiment and do not see the desired migration. Cite two reasons for this observation.
(c) Write the principle for the spectrophotometric quantitation of protein by Lowry method. 3+3+3
 2. (a) What is a standard curve? Give an example.
(b) What is R_f value? Cite an example.
(c) Write the formula used for estimation of extinction co-efficient and write its unit. 2+2+2
 3. Viva voce. 10
 4. Online tutorial document. 5
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Please Turn Over

2020

BIOCHEMISTRY — HONOURS — PRACTICAL

Paper : DSE-B-2P

(Plant Biochemistry)

Full Marks : 30

The figures in the margin indicate full marks.

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

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| 1. Online tutorial documents. | 5 |
| 2. Viva voce | 10 |
| 3. Discuss the principle of TLC. | 5 |
| 4. What do you mean by induction of enzyme? | 5 |
| 5. What are the advantages of using silica gel in chromatography? | 5 |
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