

Indian Association for the Cultivation of Science

School of Biological Science

Examination 2021

Class: BSMS

Semester: 2nd

M.M.: 50

Note: Attempt all questions.

Section: A (20 marks)

(Objective Questions)

Q1. (Fill in the blanks)

(02X10=20)

- i. R_f value in chromatography depends upon
- ii. Ninhydrin test gives.....colour
- iii. Hopkin-Cole's test is used to identify
- iv. All the protein can be precipitated by saturating with ammonium sulphate except.....
- v. Iodine test used for
- vi. Name of Pentose sugar is
- vii. Fehling's test used to findsugars.
- viii. Proteins are an importantessential for survival.
- ix. Xanthoproteic test depends on the presence ofamino acids.
- x. Saponification test used for

Section B (08 marks)

Q2. Write short note

(05X04=20)

A. Iodine test

B. R_f

C. Biuret's test

D. Xanthoproteic test

Section C (10 marks)

Q3: Long answer

(10X01=10)

- Explain the separation of amino-acid by paper chromatography and how to calculate R_f ?