

D 93006

(Pages : 2)

Name.....

Reg. No.....

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, DECEMBER 2015

(CUCSS)

Microbiology

MB 1C 01—GENERAL BIOCHEMISTRY

Maximum : 36 Weightage

Time : Three Hours

Part A

*Answer **all** questions.*

Each question carries 1 weightage.

1. Lactose.
2. Peptide bond.
3. Rickets.
4. Rf Value.
5. Saturated fatty acid.
6. tRNA.
7. Heteropolysaccharide.
8. Deoxy ribose.
9. Cysteine.
10. Denaturation.
11. PUPA.
12. Cholesterol.
13. Z DNA.
14. Decarboxylation.

(14 x 1 = 14 weightage)

Part B

*Answer any **seven** questions.*

Each question carries 2 weightage.

15. Storage polysaccharide.
16. Thin layer chromatography.
17. Types of RNA.

Turn over

18. Prostaglandins.
19. Fat soluble vitamins.
20. Colorimetry.
21. Scurvy.
22. Structure of uracil.
23. Types of glycosidic linkages.

Part C

(7 x 2 = 14 weightage)

*Answer any **two** questions.*

Each question carries 4 weightage.

24. Principle and applications of spectrophotometry.
25. Semi-conservative mechanism of DNA replication.
26. Tertiary and quaternary structure of proteins.

(2 x 4 = 8 weightage)