

D 41456

(Pages : 2)

Name

Reg. No.

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, JANUARY 2008

Microbiology

Paper - MB I.IT – GENERAL BIOCHEMISTRY

[2005 admissions]

Time : Three Hours

Maximum : 80 Marks

Section A

*Write about / answer all the questions,
each in **two** or **three** sentences.*

1. Glycosides and their functions.
2. Hyaluronic acid (HA).
3. Structural proteins.
4. Non—protein amino acids.
5. PUFA.
6. Thyroid hormones.
7. Sphingolipids.
8. mRNA.
9. Niacin and NAD .
10. Prostacyclins.
11. BeerLambert's law.
12. GM counter.
13. Reverse osmosis.
14. Thin layer chromatography.
15. Dialysis.
16. Fluorimetry.
17. Biuret reaction.
18. Medullary hormones.
19. Z – DNA
20. Pyridoxal phosphate.

(20 x 2 = 40 marks)

Turn over

Section B

*Write notes on / discuss any **five** of the following:*

1. Sequencing of proteins.
2. Glycoproteins.
3. Coenzyme function of vitamins.
4. Structure properties and functions of different – RNAs.
5. Radiation hazards.
6. Lyophilization techniques.
7. Tracer techniques in Biology.

(5 x 8 = 40 marks)