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SA-1563
Second Year M. B. B. S. Examination
February / March - 2011
Microbiology : Paper - I

Time : 2 Hours] [Total Marks : **40**

Instructions :

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Fillup strictly the details of op- signs on your answer book.

Name of the Examination :

o **SECOND YEAR M. B. B. S.**

Name of the Subject :

o **MICROBIOLOGY**

0-Subject Code No. : 1 5 6 3 - Section No. (1, 2, ...) : Nil

Seat No. :

Student's Signature

(2) Draw figures where **necessary.**

1 Discuss in detail : (any **two)** **8**
- (a) Applications of Fluorescent Microscopy
- (b) Special staining of bacteria and its application in Microbiological diagnosis
- (c) Bacterial growth curve.

2 Write notes on : (any **three)** **12**
- (a) Classify immunity; write the importance of passive immunity with examples.
- (b) Immune complex diseases
- (c) Sterilization by Radiation
- (d) Resistance Transfer Factor.

3 Write notes on : (any **two)** **8**
- (a) Microscopic structure of various morphological forms of Entamoeba histolytica
- (b) Trypomastigote
- (c) Laboratory diagnosis of Hydatid cyst disease.

4 Write notes on : (any **three)** **12**
- (a) Preparation of blood smears for detection of pathogenic protozoa
- (b) Black water fever
- (c) Morphology of a Strobila
- (d) Complications of Filariasis.

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