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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. : - Section No. (1, 2,) :
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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[400]