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K-4009

Second Year M. B. B. S. Examination

September/October - 2012

Microbiology : Paper - I

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

Instructions :

(1)

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Fillup strictly the details of signs on your answer book.
Name of the Examination :
S. Y. M. B. B. S.
Name of the Subject :
Microbiology : Paper - 1
Subject Code No. : **4 0 0 9** 4—Section No. (1, 2, ...) : **NIL I**

Seat No. :

Student's Signature

(2) Figures to the right indicate full marks for the question.

(3) Draw labeled diagram where necessary.

1 Write notes on : (any **two**) 8

(a) Life cycle of Plasmodium

(b) Pathogenicity and laboratory diagnosis of Entamoeba histolytica

(c) Differences between Taenia Saginate and Taenia solium

2 Write notes on : (any **three**) **12**

(a) Anaerobic culture methods

(b) Koch's postulates

(c) Bacterial growth curve

(d) Enumerate different methods of sterilization and write about Hot air oven

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3 Write notes on : : (any two) 8

(a) Laboratory diagnosis of Kala azar

(b) Cell mediated immune response

(c) Life cycle and laboratory diagnosis of Round worm

4 Write notes on : (any **three)** **12**

(a) Differences between active and passive immunity

(b) Structure of immunoglobulin and abnormal immunoglobulins

(c) Alternate complement pathway

(d) Precipitation reaction.

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