



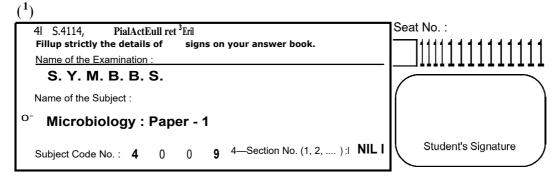
K-4009

Second Year M. B. B. S. Examination

September/October - 2012 Microbiology: Paper - I

Time: 2 Hours] [Total Marks: 40

Instructions:



- (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
- 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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- (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

8

- (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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