



SY-4573

Seat No. _____

D. M. L. T. Examination

April/May - 2006

Urine Analysis and Examination of Body fluids

Time : **3 Hours**]

[Total Marks : **100**

- Instructions :**
- (1) Write answers to each section **separately**.
 - (2) Draw neat diagram wherever **necessary**.
 - (3) Figures to the right indicate **full** marks.

SECTION - I

- 1** Write notes on : (any **three**) **30**
 - (a) Physical examination of urine and its significance.
 - (b) Chemical examination of urine in a patient of diabetic conic giving its principles and procedure.
 - (c) Test for urobilinogen in urine - giving its principle, procedure and significance.
 - (d) Procedure for microscopic examination of urine and significance of casts in urine.

- 2** Write notes on : (any **two**) **20**
 - (a) Physical, chemical and microscopic examination of C.S.F. with findings in normal C.S.F.
 - (b) Difference between transudate and exudate.
 - (c) Tubeless gastria analysis with findings in normal gastric juice and its significance.

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[Contd...

SECTION - II

- 3** Write notes on : (any **three**) **30**
- (a) Routine examination of faeces with differences between E.Histolytica and E.Coli.
 - (b) Concentration method for ova and cyst detection, giving figures to ova found in Helminths infestation.
 - (c) Life cycle of Ascaris Lumbricoides.
 - (d) Life cycle of E.Vermicularis.
- 4** Write notes on : (any **two**) **20**
- (a) 'Contents of diluting fluids used for semen examination and procedure of semen examination.
 - (b) Examination of sputum with procedure and principle of AFB staining.
 - (c) Principle and procedure of occult blood test in stool.
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