



SA-1482

P. G. D. M. L. T. Examination

March / April – 2011

Clinical Pathology & Parasitology : Paper - II

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृशावेक निशानीवाणी विगतो उत्तरवाडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="P. G. D. M. L. T."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Clinical Pathology &amp; Parasitology : Paper - 2"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="8"/> <input type="text" value="2"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="1&amp;2"/>	<input type="text"/>
	Student's Signature

- (2) Figures to the **right** indicate full marks.  
(3) Draw labeled diagram wherever **necessary**.

### SECTION - I

- 1 Discuss CSF formation, circulation, absorption and normal composition. 14

OR

- 1 Discuss abnormal findings in gastric analysis with its clinical significance. 14

- 2 Write short notes : (any **four**) 16

- (a) Microscopic examination of urine  
(b) Pleural fluid findings in T.B.  
(c) Determination of semen fructose and its significance  
(d) Chemical examination of ascitic fluid  
(e) Sputum examination and its interpretation  
(f) Pregnancy test.

- 3 Answer the following in short : 10

- (a) Proteinuria  
(b) Preparation of stool for microscopic examination  
(c) CSF findings in bacterial meningitis  
(d) Oligospermia  
(e) Collection of 24 hours urine sample.

## SECTION - II

- 4 Describe the morphology, life cycle and laboratory diagnosis of *Entamoeba histolytica*. 14

OR

- 4 Describe the morphology, life cycle and laboratory diagnosis of *Ascaris lumbricoides*. 14

- 5 Write short notes (any **four**) : 16

- (i) Importance of culture techniques in diagnosis of parasitic infections.
  - (ii) Laboratory diagnosis of Giardiasis.
  - (iii) Life cycle of *Diphyllobothrium latum*
  - (iv) Sources of infections of parasites
  - (v) Black water fever
  - (vi) Life cycle of *Dracunculus medinensis*.
  - (vii) Romanowsky's stain.
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