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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 दृशादेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
P. G. D. M. L. T.

Name of the Subject :
Clinical Pathology & Parasitology : Paper - 2

Subject Code No. : 1 4 8 2 Section No. (1, 2,.....) : 1&2

Seat No. :

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.

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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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