



**AC-5082**

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

**April / May – 2015**

**Paper - II : Clinical Pathology & Parasitology  
(Old Course)**

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

(1)

नीचे दशांशवैल निशानीवाणी विगतो उत्तरवही पर अवश्य लिखनी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<b>P. G. D. M. L. T.</b>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<b>Paper - 2 : Clinical Pathology &amp; Parasitology (Old)</b>	<input type="text"/>
Subject Code No. : <input type="text"/> 5 <input type="text"/> 0 <input type="text"/> 8 <input type="text"/> 2	<input type="text"/>
Section No. (1, 2,.....) : <input type="text"/> 1&2	<input type="text"/>
	Student's Signature

2. Answers to each section to be written in separate answer books.
3. Answer **all** the questions.
4. Draw neat and labeled diagrams wherever necessary.
5. Figures to the **right** indicate full marks of the question.

**SECTION-I (Clinical Pathology)**

1. Describe physical, chemical and microscopic examination of CSF (12)

OR

1. Describe the physical and microscopic examination of Sputum sample. (12)

**2. Write short notes on any three of the following :(Out of five) (15)**

- a) Microscopic examination of semen.
- b) Occult blood test in stool sample
- c) Urine pregnancy test.
- d) Clinical significance of gastric secretion analysis.
- e) Synovial Fluid examination

**3. Answer in short on any four of the following: (Out of six) (08)**

- a) Enumerate two fixatives for cytosmears
- b) Enlist crystals found in Urine.
- c) Enumerate types of Microtomes
- d) Collection & preservation of 24 hours urine sample.
- e) Dehydration process in tissue processing.
- f) Composition of normal CSF.

**SECTION-II (Parasitology)**

1.Explain in detail about morphological difference & life cycle of *Plasmodium* species (12)

OR

1.Describe the morphology,life cycle & laboratory diagnosis of *Dracanculus medinensis* (12)

**2. Write short notes on any three of the following :( Out of five) (15)**

- a) Nematode Vs Trematodes
- b) Morphology of Entamoeba histolytica.
- c) Life cycle of microfilaria
- d) Pathogenicity of *Echinococcus granulosus*.
- e) Laboratory diagnosis of Leishmaniasis

**3. Answer in short on any four of the following: (Out of six) (08)**

- a) Define & Explain Parasitism
- b) Host and its types
- c)Charecteristics of nematode.
- d) Morphology of egg of round worm
- e)Sickle cell anaemia provide resistance to malaria-Justify.
- f) Describe morphology of E.Vermicularis.