

**B.Sc. IN MEDICAL LABORATORY TECHNOLOGY  
(BMLT)**

**Term-End Examination**

**December, 2017**

**BAHI-004 : CLINICAL PATHOLOGY AND  
PARASITOLOGY**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : (i) Attempt any five questions.*

*(ii) Question no. 6 is compulsory.*

1. (a) Discuss the importance of the microscopic examination of urine sediment. **5+5=10**  
(b) Draw and describe various crystals found in acid urine.
  
2. (a) Define haematuria and haemoglobinuria.  
(b) List the different chemical test done to detect blood in urine and describe ANY ONE of the tests in detail. **5+5=10**
  
3. (a) Draw and describe microfilaria. **5+5=10**  
(b) Describe laboratory methods used for the diagnosis of filariasis.
  
4. (a) Name the intestinal nematodes. Describe the life cycle of ANY ONE of them. **7+3=10**  
(b) Discuss its laboratory diagnosis.

5. (a) What are the purpose of examination of semen ? Draw the various forms of spermatozoa. 5+5=10
- (b) Explain the various test procedures done to examine the specimen.
6. Write short notes on any five of the following : 5x6=30
- (a) CSF protein
  - (b) Differences between amoebic and bacillary dysentery.
  - (c) LD bodies
  - (d) Acid Fast Bacilli in sputum
  - (e) Urine preservatives
  - (f) Hydatid cyst
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