

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

Term-End Examination

December, 2016

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

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions. Question no. 6 is compulsory.

1. (a) Name the intestinal protozoa causing diarrhoea and dysentery in humans.
(b) Briefly outline the life cycle of any one of them.
(c) Describe the laboratory diagnosis of amoebic dysentery. 4+3+3=10

2. (a) List the tapeworms causing diseases in man.
(b) Briefly outline the life cycle of any one of them.
(c) Write briefly about the laboratory diagnosis of *stercaria cellulose*. 3+4+3=10

3. (a) List the various liver function tests.
- (b) Describe in detail the principle, procedure and precautions in estimating total and conjugated bilirubin in the serum.
- (c) How do you interpret the results of the above test? $3+4+3=10$
4. (a) List the renal function tests.
- (b) Describe in detail how proteins (albumin and globulin) are measured in a urine sample qualitatively and quantitatively.
- (c) Name the conditions causing excretion of proteins in the urine. $3+4+3=10$
5. (a) Name the causative agent of amoebiasis.
- (b) Describe its life cycle with diagram.
- (c) Discuss the laboratory diagnosis of hepatic amoebiasis. $3+4+3=10$
6. Write short notes on any *five* of the following : $5 \times 6 = 30$
- (a) Microscopic examination of stool samples
- (b) Tests for reducing substances in urine
- (c) Peripheral blood smear for detection of parasites in humans
- (d) Hydatid cyst
- (e) Differentiate exudate from transudate
- (f) Occult Blood in faeces
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