

2316

85

Class – B.Sc. III (Medical)

Subject – Medical Zoology

Paper – Theory-Zoology -VI

Time Allowed : 3 Hours

Maximum Marks : 75

Note :- Question 1 is Compulsory. Attempt one from each unit (I, II, III, IV).

All questions carry equal marks.

1. (i) Pre erythrocytic schizont.
- (ii) Guinea worm disease.
- (iii) Hydratid cyst
- (iv) Plasmids
- (v) Passive Immunity
- (vi) Tobacco mosaic virus
- (vii) Spectrophotometry
- (viii) Principle of Centrifugation
- (ix) ESR
- (x) AFB stain

$1\frac{1}{2} \times 10 = 15$

Unit I

2. Give in detailed account of Life cycle, mode of infection, Pathogenicity, Prophylaxis of Entamoeba histolytica. 15

OR

3. Discuss the role of arthropod vectors in transmitting some important diseases in Human. 15

Unit II

4. Explain in detail Innate or adaptive Immunity. 15

OR

5. Give an account of
(a) Typhoid fever
(b) ELISA
(c) Life cycle (Lytic) in virus. 15

Unit III

6. Describe in detail the laboratory safety rules, hazards and precautions during sample collection and Laboratory investigation. 15

OR

7. Write a note on :-
(a) Autoclave
(b) Staining techniques
(c) Culture media and types of culture. 15

Unit IV

8. Give different qualitative tests for the presence of following in the Urine
(a) Proteins
(b) Sugar
(c) Ketone bodies 15

OR

9. Write an account about Ramanowsky's stain and its commonly used modifications. 15
