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6 SEM TDC ZOO M 1

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(May)

ZOOLOGY

(Major)

Course : 601

(Parasitology and Ethology)

Full Marks : 48

Pass Marks : 19

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

1. (a) Mention the vectors with zoological names of the following diseases : $1 \times 5 = 5$
Malaria; Yellow fever; Dengue;
Haemorrhagic fever; Filariasis
- (b) Write short notes on (any two) : $3\frac{1}{2} \times 2 = 7$
(i) Measures to control the vectors
(ii) Types of parasite
(iii) Learning
(iv) Patterns of behaviour

(2)

2. What is parasitism? Write about the mode of infection and pathogenicity of *Entamoeba histolytica* or *Leishmania donovani*.

2+(3½+3½)=9

3. Describe the life history and parasitic adaptation of *Taenia solium*.

6+3=9

Or

Describe the general organizations and pathogenicity of *Rickettsia*.

5+4=9

4. What is ethology? Write about the genetical or ecological aspects of behaviour.

2+7=9

5. How would you define 'orientation'? Describe various kinds of orientation found in animal.

2+7=9

Or

Describe the social behaviour of insects.

9

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