

[KD 237]

APRIL 2001

Sub. Code: 3004

M.Sc., (EPIDEMIOLOGY) DEGREE EXAMINATION

FIRST YEAR

PART – I

PAPER IV – BIOLOGICAL BASIS OF HEALTH

(For Candidates without Medical or Nursing Background)

Q.P. Code: 313003

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

1. Describe the Circulation of Blood.

What are the causes and consequences of a sudden reduction in blood volume? **(20)**

2. Write briefly on : **(30)**

- a) Digestion in the stomach.
- b) Haemoglobin.
- c) Cerebro spinal fluid.
- d) B lymphocyte.

3. Trace the life history of the malarial parasite and discuss methods of preventing malaria **(20)**

4. Write briefly on : **(30)**

- a) Intestinal nematodes.
- b) Traditional medicines.
- c) Reflex action.
- d) The fallopian tube.
