

2008

M.Sc.

3rd Semester Examination

MICROBIOLOGY

PAPER—XVII

(PRACTICAL)

Full Marks : 40

Time : 10 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Group—A

Answer all questions.

1. Find out the DC of WBC of your own blood. 8
(Work-4, Result-3, Comment-1)
2. Show the agglutination zone by Ouchtertony's double diffusion technique using supplied antigen and antibody.

OR

Estimate the quantity of IgE of the supplied serum by ELISA method. 8

(Principle-3, Work-3, Result-2)

3. Laboratory Note Book. 2
4. Viva-voce. 2

(Turn Over)

Group—B

Answer all questions.

5. Enumerate the quantity of *E.coli* present in the supplied urine sample. Find out the sensitivity of those bacteria against the supplied antibiotics. 7+7

(Procedure-2+2, Result-4+4, Comment-1+1)

3. Viva-voce. 3
4. Laboratory Note Book. 3
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