

N (Printed Pages 3)

(20517) Roll No.

B.Sc. (Micro.) I Yr

3486

B.Sc. (Micro.) Examination, May 2017

VIROLOGY

(B-103)

Time : Three Hours / [Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

- 1. What are bacteriophages? Describe in brief their structure and mode of replication. 10
- 2. Write short notes on any two : 5x2=10
 - (i) HIV
 - (ii) POX virus
 - (iii) Polio virus
- 3. What are viroids? Describe in details their structure, nature and importance. 10

P.T.O.

4. Write in brief on the following : 5x2=10

- (i) Retrovirus
- (ii) TMV

5. Write short notes on the following : 5x2=10

- (i) Biological nature of viruses
- (ii) Prions

6. Give a brief account of transmission of plant viruses. 10

7. Write brief notes on the following : 5x2=10

- (i) Nomenclature of viruses
- (ii) General characters of virus

8. Discuss briefly the role of viruses as disease causing agent. 10

9. Write short notes on any two : 5x2=10

- (i) T-odd phage
- (ii) Dysogenic cycle

348512

(iii) Symptoms of virus infection in plants

10. Give a brief account of the following :

5×2=10

(i) Replication of DNA viruses

(ii) Classification of viruses

<https://www.ccsustudy.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

348613