



SC-3554

M. Sc. (Part - II) (In Biosciences - Microbiology)
Examination
April / May - 2011
Paper - VII : Environmental Microbiology

Time : 3 Hours]

[Total Marks :52

Instructions :

(1)

नीचे दशांशके निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. Sc. (Part - 2) (In Biosciences - Microbiology)

Name of the Subject :
Paper - 7 : Environmental Microbiology

Subject Code No. : 3 5 5 4 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labelled diagrams whenever necessary.

- 1 Answer the following : (any two) 14
(i) Products of fermented milk
(ii) Microbiology of waste water treatment processes.
(iii) Role of microorganisms in sewage treatment.
- 2 Attempt : (any two) 14
(i) Edible mushroom cultivation.
(ii) Microbial leaching
(iii) Microbiology of rhizosphere
- 3 Answer the following : (any two) 14
(i) Fermentation process and biochemistry of wine production.
(ii) Biological warfare.
(iii) Isolation of nucleic acids from environmental samples.
- 4 Write a note on : (any two) 10
(i) Bio-fertilizers.
(ii) Microbiology of milk
(iii) Siderophores.