



SB-3548

M. Sc. (Part - II) (In Biosciences - Microbiology)
Examination
March / April - 2011
Paper - V(M) : Advanced Cytology &
Taxonomy of Microbes

Time : 3 Hours]

[Total Marks :52

Instructions :

(1)

नीचे दशांशके निशानीवाणी विगतो उतरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. Sc. (Part - 2) (In Biosciences - Microbiology)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Paper - 5(M) : Advanced Cytology and Taxonomy of Microbes"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="5"/> <input type="text" value="4"/> <input type="text" value="8"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	<input type="text"/>
	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) Salient features of Actinomycetes.
(ii) Cell membrane of Eubacteria
(iii) Magnetosomes and Granules.
- 2 Attempt : (any two) 14
(i) Life cycle of Yeast
(ii) Mycorrhiza
(iii) General characteristics of major groups of fungi.
- 3 Answer the following : (any two) 14
(i) Viral taxonomy
(ii) TMV
(iii) Mycoplasma.
- 4 Write a note on : (any two) 10
(i) Rotavirus
(ii) Purification of viruses
(iii) Flagella.