



AC-3087

B. Sc. (Sem. IV) (Microbiology) Examination

April / May – 2015

MB-09 : Taxonomy of Eukaryotic
Microorganisms & Vectors

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
← B. SC. (SEM. IV) (MICROBIOLOGY)	<input type="text"/>
Name of the Subject :	<input type="text"/>
← MB-09 : TAXONOMY OF EUKA. MICRO. & VEC.	<input type="text"/>
← Subject Code No. : <input type="text"/> 3 <input type="text"/> 0 <input type="text"/> 8 <input type="text"/> 7 ← Section No. (1, 2,...): <input type="text"/> 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 Give Specific answers : 12

1. What is the major difference between yeast and mold ?
Give one example of it.
2. Define cyst and state its function.
3. State the causative agent of Amoebic dysentery and state its route of transmission.
4. Define Frustule. State its importance in diatoms.
5. What is taxonomic name of crab louse ? State its effect on humans.
6. Define dimorphism. Which type of fungi shows it ?

2 Explain/Comment on any two of the following : 12

1. Helminth has number of ways to enter in human body.
2. Cyst formation and reproduction in protists.
3. Basidiomycetes affect humans in several ways.

- 3** Discuss any **two** of the following : **16**
1. State Nutritional status & Reproduction in Protist.
 2. Discuss the general characteristic of Dinoflagellates.
 3. Define Fungi. Discuss Habitat, Reproduction and economic importance of Rhizopus genus.
- 4** Write short notes on any **two** of the following : **10**
1. Dictyostelia.
 2. Mosquito & Flea as disease vectors.
 3. Diatoms (Bacillariophyta).
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