

AC-3087

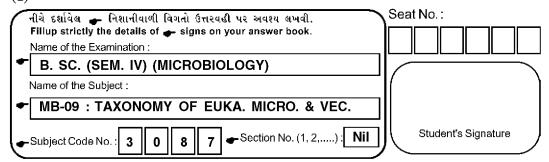
B. Sc. (Sem. IV) (Microbiology) Examination April/May - 2015

MB-09: Taxonomy of Eukaryotic Microorganisms & Vectors

Time: 2 Hours [Total Marks: 50

Instructions:

(1)



- (2) Figures to the right indicate full marks of the question.
- (3) Draw neat and labelled diagrams whenever necessary.
- 1 Give Specific answers:

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- 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 dysentry 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:

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- 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	:
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1. State Nutritional status & Reproduction in Protist.

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- 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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