



**MAR IVANIOS COLLEGE (AUTONOMOUS)**  
**THIRUVANANTHAPURAM**

Reg. No. :.....

Name :.....

**First Semester Career Related B.Sc. Degree Examination, November 2016**

**First Degree Programme under CBCSS**

**Vocational Course – I: (for Botany and Biotechnology)**

**AUBB151: Microbiology**

( Common for *Regular* – 2016 Admn. and *Improvement* – 2015 Admn. )

Time: 3 Hours

Max. Marks : 80

**SECTION – A**

*Answer ALL the following each in a word or as short notes.*

1. Name two nitrifying bacteria.
2. What are thermophiles ?
3. Expand PDA.
4. What is yogurt ?
5. The most commonly used solidifying agent for culture media.
6. Name a gaseous sterilant.
7. What is the principle of autoclaving ?
8. What is antibiosis ?
9. A bacteria without cell wall.
10. What are auxotrophs ?

(10 × 1 = 10 Marks)

**SECTION – B**

*Answer any EIGHT questions, not exceeding one paragraph.*

11. How does the class Deuteromycetes differ from the other fungi ?
12. What are mycoplasmas ?
13. Differentiate prokaryotes and eukaryotes.
14. What are induced mutations ? Name two chemical agents causing mutations.

P.T.O.

