



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

Reg. No. :.....

Name :.....

**First Semester B.Sc. Degree Examination, November 2014**

**First Degree Programme under CBCSS**

**Complementary Course: Zoology – I (for Botany)**

**AUZO131: Animal Diversity**

Time: 3 Hours

Max. Marks: 80

**Instruction: Draw diagrams wherever necessary.**

**SECTION – A**

*Answer ALL questions in one or two sentences.*

1. What are Archeocytes ? Explain its role in sponges.
2. What are flame cells and its functions ?
3. Give the importance of Collar cells in Poriferans.
4. What is Blooming in *Sea sparkle* ?
5. Explain osmoregulation with suitable example.
6. What are Cnidocytes and its functions ?
7. Write significance of diatomaceous earth.
8. Name a digenetic parasite and a disease caused by it.
9. Describe sexual dimorphism with suitable example.
10. Which disease is caused by *Tsetse fly* ?

**(10 x 1 = 10 Marks)**

**SECTION – B**

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

11. Explain Parasitic adaptations of *Sacculina*.
12. Describe metagenesis in *Aurelia*.
13. Comment on Sponge Gemmule formation and its significance.

P.T.O.

