6. What is meant by Bio-electrogenesis in fishes? Explain in details. 10

7. Write a detailed the historical perspective on computers and their applications in biology. 10

Or

8. Describe the importance of 'WINDOWS' operating systems in biology. 10

9. Give the importance of studying Bioinformatics in biology. 10

Or

10. Describe the importance of 'Human Genome Project' and how it has proved to be useful in biological sciences? 5+5=10

★★★

UG (CBCS) Even Semester Examination, May 2025

EDUCATION
(B.Sc. B.Ed.)

6th Semester

Course No. : BSZH - 602

(Physiology & Bioinformatics)

Full Marks : 50

Pass Marks : 20

Time : 2 hours

The figures in the margin indicate full marks for the questions

(*Answer five questions*)

1. Describe in details the importance of environmental stress and strain physiology. 10

Or

2. What is meant by endothermy? Give the importance of physiological mechanism of adrenal gland in resetting stress. 3+7=10

3. Explain the physiological adaptation to osmotic and ionic stress. 5+5=10

Or

4. Describe the importance of 'Adaptation in Animals.' 10

5. Discuss the importance of osmo regulation in freshwater environment. 10

Or