S. NO:301 BATCH: **2014, 2015** Reg. No.: 12

END OF SEMESTER EXAMINATIONS, **NOVEMBER – 2017**
ELECTIVE : BIOLOGICAL TECHNIQUES
SUBJECT CODE : 14UABO07

MAJOR : B.Sc (Botany) SEMESTER : V
TIME : 3 HOURS MAX. MARKS: 75

SECTION – A (10 X 1 = 10)

Answer the Following:

1. What is Bioluminescence?

2. What is thermodynamics?

3. What are the basic parts of a computer?

4. What is the software of a computer?

5. Define Average.

6. What is standard error?

7. What is ocular lens?

8. What is chromatography?

9. Mention any four micro techniques.

10. What is staining?

SECTION – B (5 X 5 = 25)

Answer any FIVE of the Following:

11. Explain the phenomena of Phosphorescence.

12. Explain the architecture of computer.

13. Explain the uses of internet and computer.

14. Explain the standard deviation.

15. Explain the procedure of stage micrometer.

16. Explain the process of Mounting.

17. Explain the basic principles of centrifugation.

SECTION – C (5 X 8 = 40)

Answer any FIVE of the Following:

18. Explain the Gibbs free energy and its significance.

19. Define number system? Explain the types of number system.

20. Give a detail note on Auxiliary Storage Devices.

21. Explain the types of tabulation with suitable example.

22. Explain the principle, procedure and significance of pH meter.

23. Explain the process of sectioning and its typical applications.

24. Explain the process of Embedding and its advantages.

* * * * *