6. Explain in detail the various and models of dispersal of animals. 10

7. In detail discuss the various methods of collection and preservation of insects. 10

Or

8. In detail discuss the various methods for stuffing and mounting of reptites and birds. 10

9. What is meany by exobiology? Explain the mechanism of escape velocity and how much speed is needed to escape the earth's gravity? 2+8=10

Or

10. Write short notes on : 5+5=10

(i) Effect of radiations in space

(ii) Problems of gas expansion in space.

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UG Odd Semester Examination, 2022

EDUCATION B.Sc. B.Ed

(5th Semester)

Course No.: BSZH-501

(Cell Biology, Genetics & Applied Biology)

Full Marks: 50

Pass Marks: 20

Time: 2 hours

The figures in the right margin indicate full marks for the question.
Answer the following five (5) questions

1. Define cell. Discuss the various phases of a cell cycle in detail. 10

Or

2. Discuss the various cell organelles and their functions in details. 10

3. Explan the law of dominance and compare how it differ from incomplete dominance and co-dominance? 10

Or

4. Define chromosomal mutation. What are the causes and mechanism of chromosomal mutation? 10

5. Give an account on distribution of various animals and what factors are responsible for such distribution? 10

Or