6. Explain how hemophilia is a common genetic disease? Can it be cured with gene therapy? 10

7. Briefly discuss the morphology life history and culture of Lac insect. 10

Or

8. Give an account an importance of sericulture in Assam. 10

9. Name some fresh water cultivable fish species in India. Why maintenance of fish stock in ponds is important? 10

Or

10. Name some poultry diseases. Discuss the importance of poultry farming in Indian economy build-up. 10

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UG Odd Semester Examination, 2022

EDUCATION B.Sc. B.Ed

(7th Semester)

Course No.: BSZH-703

(Animal Behavours, Biotechnology & Economic Zoology)

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. What is meany by instinctive behaviour? How can it be differentiated from learning behavours? 5+5=10

Or

2. What are the four types of biological rhythms? Why any alternations in these biological rhythms have consequences related to emotional and mental health? 4+6=10

3. What is meany by cloning vector? Discuss the various types of cloning vector brirefly. 2+8=10

Or

4. What is meany by DNA-ligase? Discuss the role of DNA-ligation in cloning. 2+8=10

5. Name few gene banks in India. What is the purpose of gene bank. 10

Or