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**SUBJECT CODE NO: YY-2332**  
**FACULTY OF SCIENCE AND TECHNOLOGY**  
**B.Sc (CBCGS)(Pattern 2022) S.Y SEM IV**  
**Examination April / May - 2024**  
**Zoology-XIII Evolution**

[Time:1:30 Hours]

[Max. Marks:40]

Please check whether you have got the right question paper.

N. B

- 1) All questions are compulsory
- 2) Draw neat & labelled diagram whenever necessary.
- 3) All questions carry equal marks

**Q1** Define organic evolution? Write an essay on Darwinism. 10

OR

Describe in detail Embryological evidences of organic evolution.

**Q2** What is Isolation? Explain mechanism and role of isolation in organic evolution. 10

OR

Describe in detail morphological &amp; Biological Concept of speciation

**Q3** Write short notes on any two of the following 10

1. Volant Adaption
2. Catastrophism
3. Lamarckism
4. concept and salient features of Macro evolution

**Q4** Write short notes on any two of the following 10

1. Mutation
2. Sympatric speciation
3. Genetic Drift
4. Recombination

