

INTERNAL QUESTION PAPER
THIRD SEMESTER B.Sc. DEGREE EXAMINATION
(CUFYUGP) Zoology: Core course

ZOO3CJ201 – SYSTEMATIC, EVOLUTION & ZOOGEOGRAPHY
Time: 1 Hr. Maximum: 40 Marks

Section A

I. Answer any 5. Short answer questions.

1. Comment on Lamarck's evolutionary thought.
2. What is Von Baer's rule?
3. Define palaeontological evidence.
4. Comment on connecting link.
5. State Weismann's theory of germplasm
6. What is Sexual selection?
7. Comment on Neo-Darwinism

(2×5=10 marks)

Section B

II. Answer any 4. Paragraph questions.

8. Explain endosymbiotic theory.
9. Write on features of Archeopteryx & its significance.
10. With suitable examples describe divergent evolution & adaptive radiation.
11. Describe the Mutation theory of De Vries.
12. Critically discuss the present status of Neo-Lamarckism with suitable examples
13. Explain the synthetic theory of evolution.

(5×4=20 marks)

Section C

III. Essay questions. Answer any one question

14. Explain concept of Haldane theory. Elaborate on Urey-Miller experiment.
15. Write on Postulates put forward by Darwin with suitable examples.

(1×10=10 marks)