

Exam. Code : 103203

Subject Code : 1324

B.A./B.Sc. 3rd Semester

ZOOLOGY ZOO—IIIA

(Evolution)

Time Allowed—Three Hours] [Maximum Marks—35

Note :—All questions carry equal marks. Candidates are required to attempt **FIVE** questions, selecting at least **ONE** question from each Section A-D. **Fifth** question may be attempted from any section.

SECTION—A

1. Discuss the structure and importance of evolutionary biology.
2. What is Neo-Darwinism ? Discuss the modern concept of evolution.

SECTION—B

3. What is speciation ? Discuss the various modes of speciation in animals.
4. Describe modern hypothesis of origin of life.

SECTION—C

5. Define the term “fossil” and describe the various kinds of fossils along with their importance.
6. Trace the evolutionary history of man.

SECTION—D

7. Describe flight adaptation in birds. Explain briefly about bird migration and its importance.
8. Write notes on :
 - (a) Dentition in mammals
 - (b) Venom apparatus in snake.