

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2019
(Sixth Semester)

Branch- ZOOLOGY

EVOLUTION

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 Evolution.
- 2 Biogenesis.
- 3 Fossils.
- 4 Lamarckism.
- 5 Speciation.
- 6 Variation.
- 7 Parallel evolution.
- 8 Adaptive radiation.
- 9 Zoogeography.
- 10 Cultural evolution.

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Give an account on concept of evolution.
OR
b Write about the physiological evidences of evolution.
- 12 a Write notes on Neo-Darwinism.
OR
b Discuss about geological time scale.
- 13 a Explain the types of variation.
OR
b Comment on isolating mechanisms.
- 14 a Give an account on convergent evolution.
OR
b Write the significance of Adaptive radiation.
- 15 a Comment on Modern man.
OR
b Describe organic evolution of Men.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Write an essay on the origin of life.
- 17 Explain Darwinism in detail.
- 18 Give a detailed account on speciation.
- 19 Discuss Adaptive radiation elaborately.
- 20 Describe the cultural and future evolution of man.