

PSG COLLEGE OF ARTS & SCIENCE

■ * (AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2017
(Sixth Semester)

)4 ZUDQS2&-

Branch- ZOOLOGY

EVOLUTION

Time : Three Hours

Maximum: 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry'EQUAL marks

(10x2 = 20)

- 1 Natural selection.
- 2 Fossilization.
- 3 Abiogenesis.
- 4 Atavism.
- 5 Vestigial organs.
- 6 Variation.
- 7 Phylogeny. * .
- 8 Galophagous island.
- 9 Neanderthals.
- 10 Oriental regions.

SECTION - B (25 Marks!

Answer ALL Questions

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

1 1 a Explain the organic evolution of man.

OR

b Give a note on evidences from comparative embryology.

12 a Comment on Darwinism.

*

OR

b Write a short note on types of fossils.

13 a Give a brief account on isolating mechanism..

OR

b Comment on speciation -.

14 a Explain geological time scale.

OR •

b Comment on Darwin's finches.

15 a Give a short note on future man.

OR

b Write briefly about organic evolution.

SECTION ■ C (30 Marks)

Answer any THREE Questions

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

16 Give elaborate account on origin of life.

17 Write an essay on Lamarckism..

18 Discuss the types and sources of variation.

19 Give a short note on : (i) Parallel evolution (ii) convergent evolution.

20 Write an essay on cultural evolution of man.

Z-Z-Z

END