

M.Sc. (Zoology) Semester - 3 (CBCS) Examination
Oct/Nov. -2019 - [NEW COURSE]
Wildlife And Animal Behavior (Elective (New))

Time: 2:30 Hours

Marks: 70

Instructions:

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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SECTION-1

- Que. 1 Answer the Following. (14)**
(A) Explain in detail marine wealth of India
(B) Take hypothetical data and measure Density, Abundance and Frequency
Or Make a note on sexual selection and co-evolution.
- Que. 2 Answer the Following. (14)**
(A) Describe Causes of wildlife depletion and Legislation
(B) Make a short note on important national parks of India.
- Que. 3 Answer any seven out of eight. (07)**
(1) What is genetic drift?
(2) Explain speciation.
(3) How poaching can be controlled?
(4) Explain gene pool.
(5) What is man-wildlife conflict?
(6) Explain any method which is frequently used in field biology.
(7) When was the Project Tiger launched?
(8) What is a biodiversity hotspot?

SECTION-2

- Que. 4 Answer the Following. (14)**
(A) Zonation and adaptation of organisms in the intertidal habitats.
(B) Distribution and adaptation of deep-sea benthic organisms.
- Que. 5 Answer the Following. (14)**
(A) Sexual behavior
(B) Migration of fish **or** birds
- Que. 6 Answer any seven out of eight. (07)**
(1) Explain instinct with examples.
(2) Define imprinting.
(3) What are the challenges for fish migration?
(4) Explain territoriality.
(5) Which animals use mangrove as their habitat?
(6) What are the characteristics of a peninsula?
(7) Which are the muddy shores in Gujarat?
(8) Explain biological clock.
