

# Govt. Degree College, Basohli

## Internal Assignment Test of Semester II (Session 2019-20) for Promotion to Semester III

**Subject: Zoology**

**MM: 30**

**Note:** All questions are compulsory. The answer should be in detail covering diagrams/ figures/ etc. if required and based on more than one source for high scoring. A medium sized notebook (separate for each subject) shall be used for writing the assignment test and all the assignments as well as **Practical Notebooks in case of Science Subjects** relating to one student shall be **submitted together in the college in one visit** latest by 31/08/2020. (Students shall strictly follow the COVID-19 guidelines issued by the Govt. during their visit to the college such as maintaining social distancing and wearing the face mask)

### (Theory Assignment)

#### Section A: Long Answer Questions (7 marks each)

- Q1. Write a detailed account of the structure and functions of integument and its various derivatives.
- Q2. Give a comparative account of the alimentary canal and digestive glands in the vertebrates.
- Q3. Elaborate the concept of evolution and modification of aortic arches in vertebrates.

#### Section B: Short Answer Questions (3 marks each)

- Q4. What is suspensorium? Discuss various types of jaw suspension in vertebrates.
- Q5. Discuss the gills and lungs as the organs of respiration in vertebrates.
- Q6. Discuss briefly the origin and types of vertebrate kidney.

### (Practical Assignment)

#### Note: All the questions are compulsory (5 marks each)

- Q1. Give a detailed account of the various types of feet and claws in birds. Draw a well labelled diagram of each type.
- Q2. Write down the distinguishing features of below mentioned specimens and draw a well labelled diagram of each specimen:
- Rabbit Skull
  - Placoid and Ctenoid scales in fishes