

V. P. & R.P.T.P. SCIENCE COLLEGE

V- SEMESTER, INTERNAL EXAM-2018

ZOOLOGY, US05CZOO02 (COMPARATIVE ANATOMY OF CHORDATA)

1/10/2018, MONDAY

TIME: 10am TO 12noon

MARKS: 50

**Q-1. MULTIPLE CHOICE QUESTIONS.**

**(8)**

1. The ability to change the colour is known as

- (a) Pigmentation (b) Tanin (c) Metachrosis (d) Ecdysis

2. The Cattle contains which type of horn?

- (a) Keratin horn (b) Pronghorn (c) Antlers (d) Hollow horn

3. The tusk of Elephant is the modification of

- (a) Incisor teeth (b) Canine teeth (c) Premolar teeth (d) Molar teeth

4. The space between the lips and jaws is known as

- (a) Cheeks (b) Vestibule (c) Labial frenum (d) Tongue

5. The crop glands are present in

- (a) Fishes (b) Amphibians (c) Reptiles (d) Birds

6. Spiral valves are present in the intestine of

- (a) Cyclostomes (b) Elasmobranch (c) Amphibians (d) Lacertilia

7. Three chambered heart is present in

- (a) Fishes (b) Amphibians (c) Aves (d) Mammals

8. Which of the followings does not contain nucleus in RBCs?

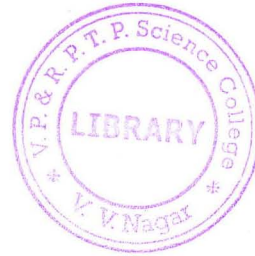
- (a) Shark (b) Toad (c) Snake (d) Human



**Q-2. ANSWER IN SHORT. (ANY FIVE)**

**(10)**

1. Draw and labeled the diagram of Human skin.
2. Classify the glands according to the manner in which they secrete their secretion.
3. Write about the mouth of Amphioxus.
4. Draw the labeled diagram of Premolar tooth.
5. Describe the structure of Mammalian pancreas.
6. Write about oesophagus of Amphibians.
7. Differentiate between the arteries and veins.
8. Draw the labeled diagram of two chambered heart.



Q-3. Describe the comparative account of integumentary glands in Mammals. (8)

OR

Q-3. Write a note on types of feathers. (8)

Q-4. Write a note on comparative anatomy of glands of the oral cavity. (8)

OR

Q-4. Describe the comparative anatomy of tongue of chordates. (8)

Q-5. Write a note on comparative anatomy of vertebrate stomach. (8)

OR

Q-5. Describe the mammalian intestine with diagram. (8)

Q-6. Write a note on four chambered heart with labeled diagram. (8)

OR

Q-6. Describe the general account and its comparative anatomy of lymphatic system. (8)