V.P. & R.P.T.P. SCIENCE COLLEGE
B.Sc. EXAMINATION
SEMESTER- VI
US O6 C ZOO 01
VERTIBRATA
ZOOLOGY

DATE 05/03/19 –TUESDAY   TIME : 10:00 – 12:00pm   TOTAL MARKS-50

Q-1   Multiple Choice Questions: 08

1. Which animal is include in class reptile

a) hyla b) salamandar c) Star fish d) none of these

2. Which is the following organ is not present in class amphibian?

a) Inlk gland b) Tentecles c) shell d) none of these

3. The lateral and median fin of amphioxus is used as...

a) Thermo receptor b) Steering device c) Sense of sound wave d) All of these

4. Shark is mostly marine and…

a) Predator b) herbivorous c) parasitic d) none of these

5. Caudal fin of Cartilage fishes is_____.

a) Even b) uneven c) a and b d) flatly n un even

7. Aves are evolving from_____.

a) Mammals b) amphibian c) reptile d) none

8. Which of the following animal is not an aquatic mammal?

a) Dugong b) sea lion c) seal d) nonel of these

Q-2   Short Questions: [any five]   10

  1) Write characters of phylum chordate
  2) Define and write the importance characters of swim bladder
  3) Write brief note on internal ear of shark
  4) What is air sac write its importance for birds
  5) Draw and labeled diagramme of f rat external characters and classify it
  6) What is oviparous mammal, explain with examples?

Q-3	a) Write note on Types of Caudal fin with its functions	05
	b) Write characters of sub phylum Proto Chordata	03

OR

Q-3	classify Amphioxus and describe digestive system of amphioxus	08

Q-4	a) Write a note on internal ear of shark	03
	b) Write in brief note on neoteny and how it's differ from Paedogenesis	05

OR

Q-4	Explain male reproductive system of Scoliodon	08

Q-5	Describe female reproductive system of pigeon	08

OR

Q-5	Write notes on:	
	a) diagnostic characters of Aves	03
	b) Define ratite bird birds with suitable examples	05

Q-6	a) What is mammals define it with examples	03
	b) Important characters of aquatic mammals with suitable examples	05

OR

Q-6	Explain in detail note on male reproductive system of Rat.	08