

SEAT No. \_\_\_\_\_

SARDAR PATEL UNIVERSITY

[50]

B.Sc. EXAMINATION  
SEMESTER- VI  
US O6 CZOO 01

VERTEBRATA

DATE: 26-03-2018 (Monday)      TIME : 10:00am – 01:00pm      TOTAL MARKS-70

**Q-1 Multiple Choice Questions:**

**10**

**1. Which animal is include in Order selachii**

a) Cat fish b) Blow fish c) Star fish d) Shark

**2. Which organ present in class Pisces?**

a) Horn b) Swim bladder c) shell d) all

**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. Scoliodon is mostly marine and...**

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

**5. Another name of Shark is \_\_\_\_\_**

a) Glob fish b) Hammer headed shark c) Dog fish d) none of these

**6. Tail fin of Cartilage fishes is...**

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

**7. Birds are evolve from..**

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

**8. Which of the following animal is an aquatic mammal?**

a) Dugong b) dog fish c) seal d) All of these

**9. Which of the following is digestive gland of rat?**

a) Pancreas b) pituitary c) Thyroid d) None of these

**10. Which character is diagnostic character of Reptile?**

a) Dry skin b) Poison gland c) scale d) All of these

(1)

(P.T.O.)

**Q-2 Short Questions: [any ten]**

20

- 1) Write characters of sub phyla Hemichordata
- 2) Write importance characters of airbladder
- 3) Write significance of Protochordata
- 4) What is ampullae of Lorenzini
- 5) Write brief note of amphibian
- 6) Write brief note on internal ear of shark
- 7) Define air sac in pigeon with its importance
- 8) Write diagnostic characters of reptile
- 9) Write comments on origin of birds
- 10) External characters of rat
- 11) Write names and function of Digestive glands of rat
- 12) What is oviparous mammal, explain with examples?

**Q-3** a) Types of Caudal fin with its uses

06

b) Write important characters of phylum Chordate

04

**OR**

**Q-3** classify Amphioxus with characters and explain digestive system of amphioxus

10

**Q-4** a) Write general characters of Amphibian

04

b) Write in brief note on neoteny and how its differ from Paedogenesis?

06

**OR**

**Q-4** Describe female reproductive system of Dogfish

10

**Q-5** Write in detail note on male reproductive system of pigeon

10

**OR**

**Q-5** Write notes on:

a) Types of feet with examples

06

b) Write brief note on ratite bird birds

04

**Q-6** a) Write note on origin of mammals in short

06

b) Important characters of aquatic mammals

04

**OR**

**Q-6** Describe alimentary canal of Rat and its digestive glands

10

(2)

-X-