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SEAT No. _____

SARDAR PATEL UNIVERSITY

No. of Printed Pages : 2

[55/A-14]

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

VERTEBRATE

DATE: 25-03-2019 (Monday) TIME : 10:00am – 01:00pm TOTAL MARKS-70

Q-1 Multiple Choice Questions:

10

1. Balanoglossus belong to _____ sub phylum
a) Protochordates b) Urochordate c) vertebrata d) chordate
2. Swim bladder is present in:
a) Frog b) snake c) fish d) all
3. Which one is belongs to Protochordates
a) Ascidian b) Balanoglossus c) amphioxus d) All of these
4. Which one of the following is the sense organ of shark?
a) Pectin b) Lateral lines c) redula d) none of these
5. Dogfish is mostly marine and also a
a) Predator b) herbivorous c) parasitic d) none of these
6. Shape of tail fin of bony fishes is:
a) Even b) uneven c) a and b d) flatly and uneven
7. Which one is the aquatic mammal?
a) Whale b) Dolphin c) Dugong d) All of these
8. Aves are glorified?
a) Mammals b) fishes c) amphibian d) none of these
9. Scientific name of rat is _____.
a) rattus rattus b) *Rattus rattus* c) rattus rattus d) Rattus rettus
10. Chimpanzee is a ?
a) primate b) old monkey c) marsupials d) none of these

(1)

[P.T.O.]

Q-2 Short Questions: [any ten]

20

- 1) External character of Amphioxus
- 2) Write importance of swim bladder
- 3) Digestive glands of scoliodon
- 4) External apparatus of dogfish
- 5) Write diagnostic characters of amphibian?
- 6) Draw external characters of pigeon
- 7) Brief note on Dinosaurs
- 8) Write diagnostic characters of reptile with examples.
- 9) Draw n labeled diagramme of air sac
- 10) External apparatus of rat
- 11) Classify rat with suitable characters
- 12) Define oviparous with examples.

- Q-3** a) Write the characters of phylum Chordate 04
b) Types and Importance of fin 06

OR

- Q-3** Explain digestive system of Amphioxus 10

- Q-4** a) Write note on Ampulla of Lorenzini 03
b) Write in brief note on neoteny 07

OR

- Q-4** Write in detail note on male and female reproductive system of *Scoliodon* 10

- Q-5** Explain digestive system and digestion of pigeon 10

OR

- Q-5** Write notes on:
a) Beaks of birds 07

- b) Brief note on flightless bird 03

- Q-6** a) Write note on Mammals 05

- b) Adaptation of aquatic mammals 05

OR

- Q-6** Write detail note on male urinogenital system of Rat 10