

(53) Seat No.: _____

No. of Printed Pages : 2

Sardar Patel University
B. Sc. Semester VI Examination 2017
Vertebrata
US06CZOO 01

27th March, 2017, Monday

10:00 am to 1:00 pm

Total Marks: 70

QI Multiple Choice Questions.

[10]

1. Testis is present in _____.
a. hemichordata b. cephalochordata
c. urochordata d. all of these
2. Wheel organ is a part of _____.
a. pharynx b. velum
c. mouth d. oral hood
3. Which one of the following is considered as an accessory respiratory organ?
a. skin b. pelvic fins
c. pharyngeal diverticula d. all of these
4. In Shark, heart is _____ chambered.
a. four b. three
c. two d. one
5. Uromastix is commonly known as _____.
a. girgit b. spiny tailed lizard
c. wall lizard d. flying lizard
6. Tail in Scoliodon is
a. homocercal b. heterocercal
c. hypercercal d. hypocercal
7. The only cutaneous glands in Pigeon is
a. uropygial b. sweat
c. sebaceous d. mammary
8. Which one of the following is truly called the age of Reptiles?
a. carboniferous b. palaeozoic era
c. mesozoic era d. archeozoic era
9. Which one of the following is an oviparous mammal?
a. hystrix b. duck bill platypus
c. armadillo d. hedge hog
10. Which one belongs to mammal like reptiles?
a. lacertilia b. rodentia
c. therapsida d. none of these

[P.T.O.]

QII Answer the following in short.(Attempt any Ten)

[20]

1. Compare the mode of feeding in sub phylum protochordata.
2. Name the sense organs found in Amphioxus.
3. Write about respiratory system of Amphioxus.
4. Explain the term Neotany and Paedogenesis.
5. Name the body apertures of Scoliodon.
6. Write about breeding in Uromastix.
7. Name the flightless birds.
8. Write about Tyrannosaurus rex dinosaur.
9. Draw and label flight feather of Pigeon.
10. Write about spiny ant eater.
11. Draw and label the external characters of Rat.
12. Write about the buccal cavity of Rat.

QIII Write notes on : a. Types of swim bladder.

[06]

b. Protonephridia of Amphioxus

[04]

OR

QIII Describe : a. The external characters of Amphioxus.

[06]

b. Types of fins.

[04]

QIV a. Describe the structure and functions of heart of Scoliodon.

[07]

b. Write about the male reproductive system of Uromastix.

[03]

OR

QIV a. Describe the digestive system of Uromastix.

[07]

b. Write about adaptations for amphibious life.

[03]

QV Write notes on : a. Types of Feet

[05]

b. Herbivorous Dinosaurs

[05]

OR

QV Write notes on : a. Female reproductive system of Pigeon

[05]

b. The superiority of birds over reptilian ancestors

[05]

QVI Describe the male urinogenital system of Rat.

[10]

OR

QVI Describe the aquatic mammals and their adaptations for aquatic life.

[10]

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