

S.Y.B.SC. SEM – IV (CBCS - 2016 Course) : WINTER - 2018

SUBJECT: ZOOLOGY : FUNCTIONAL ANATOMY CHORDATES-II

Day: Friday
Date: 26/10/2018

W-2018-0734

Time: 03.00 P.M. To 06.00 P.M
Max. Marks: 60

N.B:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat labeled diagram **WHEREVER** necessary.
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Q.1 Attempt **ANY TWO** of the following: **(12)**

- a) Give the salient features of class reptilia and give its classification up to order with example.
- b) Describe external features of dog fish.
- c) Describe structure of heart of *Scoliodon* and add note on its working mechanism.

Q.2 Attempt **ANY TWO** of the following: **(12)**

- a) Give an account on anatomical adaptations in birds.
- b) Describe identification characters of poisonous snakes.
- c) Write essay on dentition in mammals.

Q.3 Attempt **ANY TWO** of the following: **(12)**

- a) Describe dorsal view of brain of *Scoliodon*.
- b) Describe eye of *Scoliodon*.
- c) Describe various types of beak adaptations in birds.

Q.4 Attempt **ANY THREE** of the following: **(12)**

- a) Describe female urinogenital system of *Scoliodon*.
- b) Sketch and label digestive system of *Scoliodon*.
- c) Describe order passeriformes.
- d) Write note on eutheria.

Q.5 Attempt **ANY FOUR** of the following: **(12)**

- a) Explain raptorial type of feet.
- b) Write about animal ethics in brief.
- c) Write note on feet of duck.
- d) Write habit and habitat of dogfish.
- e) Write note on Ampulla of Lorenzini.
- f) Describe holobranch in *Scoliodon*.