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3 SEM TDC ZOOH (CBCS) C 5

2022

(Nov/Dec)

ZOOLOGY

(Core)

Paper : C-5

(**Diversity of Chordata**)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. Fill in the blanks : 1×5=5

(a) Amphioxus belongs to the subphylum _____.

(b) Osteichthyes are commonly known as _____.

(c) _____ forwarded the Continental Drift theory.

(2)

- (d) Sphenodon is endemic to ____.
- (e) Vertebrates with four limbs are known as ____.
2. Write short notes on the following : $4 \times 3 = 12$
- (a) Dipleurula concept or Echinoderm theory of chordate
- (b) General characters of Agnatha
- (c) General characters of chordate
3. Describe the general characteristics of Hemichordata. 6
- Or
- Give an account on retrogressive metamorphosis in urochordate.
4. Define Continental Drift theory. Describe the theories pertaining to the distribution of animals. $4 + 6 = 10$
5. Describe the principle of aerodynamics of flight in birds. 10
- Or
- What is parental care? Describe various processes of parental care in Amphibia. $2 + 8 = 10$

(3)

6. Write the general characteristics of Chondrichthyes and Osteichthyes. $5 + 5 = 10$
- Or
- Explain about the structure and functional mechanism of poison apparatus in snakes. $5 + 5 = 10$
