

Total No. of Printed Pages—3

**3 SEM TDC ZOOH (CBCS) C 5**

**2 0 2 2**

( 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.

**P23/131**

( Turn Over )

( 2 )

- (d) Sphenodon is endemic to \_\_\_\_\_.
- (e) Vertebrates with four limbs are known as \_\_\_\_\_.
2. Write short notes on the following : 4×3=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

P23/131

( Continued )

( 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

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P23—3400/131

3 SEM TDC ZOOH (CBCS) C 5