



K18U 0533

Reg. No. : .....

Name : .....

**II Semester B.Sc. Degree (C.B.C.S.S.-Reg./Supple./Imp.) Examination, May 2018**  
**COMPLEMENTARY COURSE IN ZOOLOGY**  
**2C02 ZLG : Diversity of Life – II**  
**(2014 Admn. Onwards)**

Time : 3 Hours

Max. Marks : 32

I. Answer **any one** :

(1×6=6)

- 1) Explain dentition in mammals.
- 2) Describe the circulatory system of shark.

II. Answer **any one** :

(1×6=6)

- 3) Compare the heart of frog and man.
- 4) Explain the identification of poisonous snake.

III. Answer **any four** :

(4×3=12)

- 5) Note on apoda.
- 6) Explain the structure of human sperm with the help of a diagram.
- 7) Note on urochordate.
- 8) Explain flight adaptation of birds.
- 9) Make a note on aquatic mammals.
- 10) Comment on chamaeleon.

IV. Answer **any six** :

(6×1=6)

- 11) Syrinx
- 12) Plastron
- 13) Snake venom
- 14) Neoteny
- 15) Germ layers
- 16) Amphioxus

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- 17) Notochord
- 18) Morula
- 19) Placoid scales.

V. Answer the following :

(2x1=2)

20) Match the following :

- |              |              |
|--------------|--------------|
| a) Sting ray | 1) Kangaroo  |
| b) Primate   | 2) Toad      |
| c) Bufo      | 3) Trygon    |
| d) Macropus  | 4) Hylobates |

- 21) a) Elephants belong to the order \_\_\_\_\_  
b) \_\_\_\_\_ is a tailed amphibian.  
c) Teeth is made up of \_\_\_\_\_  
d) Scientific name of Tiger is \_\_\_\_\_