SANJE

PA*RA*

**M 6592**

Reg. No. : ......*.....*.

**Name :**

Il Semester B.Sc. Degree (CCSS - Reg*.*/Supple*./*Improv.*)*

Examination, May 2014 **COMPLEMENTARY COURSE IN ZOOLOGY** 2002 ZLG : Diversity of Life - || : Chordate Form and Function

Time: 3 Hours

Max. Weightage : 25

1. Answer any one (Weight 4):

1) Write an essay on different types of chordate eggs. 2) Explain the urinogenital system of shark with the help of neat sketches.

**(1x4=4)**

II. Answer any one (Weight 4):

3) Give a comparative account of the heart of chordates. 4) Explain the flight adaptations in birds.

**(1x4=4)**

III. Answer any four (Weight 2 each):

5) Write a note on the embryonic membranes in chordates and their functions. 6) Classify amphibian up to orders citing examples. 7) Differentiate chondrichthys and osteichthys. Give an example each. 8) Explain the salient features of order chiroptera. 9) Describe the structure of poison apparatus of snake. 10) Describe the structure of mammalian sperm with the help of a neat sketch.

*(*4x2=8)

IV. Answer any seven (Weight 1 each):

11) Metamerism 12) Ovoviviparous 13) Placoid scale

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14) Sardinella 15) Limbless amphibian 16) Temporal fossa

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E 18) Blastulation 300

VALEMENTOS 19) Claspersonal na S

antos 20) Syrinx.

*(*7x1=7)

V. Answer the following (Weight 1 each):

21) a) Brain of vertebrates is enclosed in a structure called

b) Largest flight muscle of bird is called c) Even toed and hoofed mammals like cow belong to order

d) Protective covering of ascidia is called \_ 22) Match the following: a) Indian mullet

1) Chelone b) Green turtle

2) Struthio c) Blind snake

3) Mugil d) Ostrich

4) Typhlops other handles

(2x1=2)