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B.Sc. 4th Semester (New Scheme) Examination,

May-2016

**BIOTECHNOLOGY**

**Paper-BT-401**

**Animal Diversity**

*Time allowed : 3 hours]*

*[Maximum marks : 40*

*Note : Question No. 1 is compulsory and attempt any four more questions selecting one question from each unit given below. All questions carry equal marks.*

1. Write the notes on following : 1×8=8
- (a) Branchial gill clefts
  - (b) Metamorphosis
  - (c) Most poisonous snake
  - (d) Ornithology
  - (e) Oviparous
  - (f) Pentadactyle
  - (g) Fertilization
  - (h) Name of flying mammal.

**Unit-I**

2. Explain the general features and important characters of Herdmania. 8
3. Write the notes on any two : 8
- (a) Origin of Chordates
  - (b) Paedogenesis
  - (c) Difference between cartilaginous and bony fish.

