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GIET UNIVERSITY, GUNUPUR – 765022
M. Sc (Third Semester) Examinations, December' 2020
LSPC 302 – BIOLOGY OF CHORDATA
(Animal Science)

Time: 2 hrs

Maximum: 50 Marks

(The figures in the right hand margin indicate marks.)

- Q.2. Answer all the questions (2 x 10 = 20)
- Give an account on distribution of dipnoi.
 - Write a note on swim bladder.
 - Explain mermaid's purse.
 - Write short notes on caecilians.
 - What is parietal eye?.
 - Write about the structure of sphenodon.
 - Comment on plumage
 - Write a note on deciduous teeth
 - Write an account on perching in birds.
 - Briefly explain the dental formula.

PART-B (6 x 5 = 30 Marks)

Answer ANY FIVE questions

- Explain the affinities of cyclostomata.
- Write in detail about the inter-relationship between cephalochordate and urochordata
- Comment on parental care in fishes.
- Give a general account of gymnophiona
- Explain the general account of prototheria
- Give an account on metatheria
- Write about the comparative anatomy of integument in vertebrates
- Briefly explain adaptive radiation in mammals

--- End of Paper ---