

V.P. & R.P.T.P. SCIENCE COLLEGE

VI - SEMESTER INTERNAL EXAM

ZOOLOGY, US06CZOO04 (Developmental Biology)

15-3-2018, Thursday

Time: 11am to 12:30pm

Marks : 25

**Q-1. MULTIPLE CHOICE QUESTIONS. (3)**

1. The eggs, which are self sufficient to develop are called..... eggs.  
(a) Cleidoic (b) Determinate (c) Microlecithal (d) Non-cleidoic
2. The blastula of Amphioxus is called  
(a) Steroblastula (b) Coeloblastula (c) Periblastula (d) None of these
3. According to yolk content, the Frog egg is  
(a) Microlecithal (b) Macrolecithal (c) Mesolecithal (d) All of these

**Q-2. Answer the following questions in short (any two). (4)**

1. Write about secondary egg membranes.
2. Name the processes involved in gastrulation of Amphioxus.
3. Describe the blastula stage of Frog.

**Q-3. Write a note on types of eggs. (6)**

OR

**Q-3. Describe the diploid parthenogenesis. (6)**

**Q-4. Explain the cleavage in Amphioxus. (6)**

OR

**Q-4. Describe the larval development in Amphioxus. (6)**

**Q-5. Explain the gastrulation in Frog. (6)**

OR

**Q-5. Define the term metamorphosis and explain the morphological changes occur in Frog. (6)**

