

Reg. No:

S.NO: 246

BATCH: 87-2013,2016

END OF SEMESTER EXAMINATIONS, APRIL/MAY – 2017

ZOOLOGY PAPER - I

INVERTEBRATA AND CHORDATA

SUBJECT CODE : 16UBZO01

MAJOR : B.Sc (BOTANY)

SEMESTER : I

TIME : 3 HOURS

MAX. MARKS : 75

SECTION-A (10X1=10 MARKS)

Answer ALL the questions

1. Comment on the term food vacuoles.
2. What is metagenesis?
3. What is strobilization?
4. Comment on the term Ootheca of Cockroach.
5. Specify the role of organ of Bojanus.
6. Define the term autotomy.
7. Mention the role of scroll valve of Shark.
8. Mention the two types stomach of Frog.
9. Comment on the alveoli of Calotes lungs.
10. Mention the name of muscles involved during respiratory movements in Pigeon.

SECTION-B (5X4=20 MARKS)

Answer ALL the questions

- 11 a) Describe the process of binary fission of *Paramecium*.
(OR)
b) Differentiate polyp from medusa of *Obelia*.
- 12 a) Elucidate the morphology of *Taenia solium*.
(OR)
b) Explain the structure of mouth parts of Cockroach.
- 13 a) Describe the nervous system of Fresh water mussel.
(OR)
b) Enlist the different larval forms of Star fish.