

SH-I/ZOO/101/C-1/19

B.Sc. 1st Semester (Honours) Examination, 2019-20**ZOOLOGY****Course ID : 12611****Course Code : SH/ZOO/101/C-1**

Course Title : Non-Chordate-I

Time: 1 Hour 15 Minutes**Full Marks : 25***The figures in the margin indicate full marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer *any five* of the following questions: 1×5=5
- Define Lagoon.
 - Why *Obelia* colony is called as “Trimorphic colony”?
 - What is “Measly Pork”?
 - Define Tautonym and give an example.
 - Why “Aquiferous system” is called as the life line of sponges?
 - What is “Laurer’s Canal”?
 - What is “Loeffler’s Syndrome”?
 - What is ‘Choanocyte’?
2. Answer *any two* of the following questions: 5×2=10
- Classify Phylum Cnidaria upto classes with suitable features and examples (according to Ruppert and Barnes, 1994).
 - Define Taxonomy. Describe the major rules of Zoological nomenclature. 2+3=5
 - Define ‘Host and Pathogen’. Give an account of the parasitic adaptations of *Taenia* with suitable diagram. (½+½+3+1)=5
 - What is Coelom? State about the embryonic origin of Coelom? Define Protostome and Deuterostome with examples. 1+2+2=5
3. Answer *any one* of the following questions: 10×1=10
- Define Monogenetic and Digenetic parasite with examples. Describe the life cycle of *Wuchereria* sp. with diagram. Name *two* pathogenic effects of such parasite. 1+1+4+2+2=10
 - Write short notes on: (*any two*) 5+5=10
 - Metagenesis
 - Atoll
 - Syconoid canal System
 - Conjugation in *Paramecium*.