## RAMAKRISHNA MISSION VIDYAMANDIRA

(Residential Autonomous College affiliated to University of Calcutta)

## FIRST YEAR [2019-22]

B.A./B.Sc. FIRST SEMESTER (July – December) 2019 Mid-Semester Examination, September 2019

Date : 16/09/2019 **ZOOLOGY (Honours)** 

	Answer <u>any five</u> questions:	[5×5]
1.	Vorticella & Nosema belong to the phyla & respectively. Yes are the functions of amoebocytes in sponges? Why class Calcarea is named so?	What [2+2+1]
2.	Describe the process of Autogamy in <i>Paramoecium sp</i> . What is Planula? Mention the otypes of zooids found in <i>Physalia</i> colony with relevant diagrams.	different [2+1+2]
3.	Draw a labelled diagram of the microscopic structure of flagella. Comment on the formation Atoll. State the location and function of cnidoblasts?	on of an [2+2+1]
4.	Distinguish between – (a) Polychaeta & Oligochaeta (b) Prosobranchia & Opisthobranchia	[3+2]
5.	What is the function of Laurer's canal? States the importance of phyllobranchs. Illustrate the structure of flame cell with a suitable diagram?	[1+1+3]
6.	Classify the gills of Prawn. State the significance of Miracidium larva.	[4+1]
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	B.A./B.Sc. FIRST SEMESTER (July – December) 2019 Mid-Semester Examination, September 2019 E : 16/09/2019  ZOOLOGY (Honours)	Full Marks : 25
	B.A./B.Sc. FIRST SEMESTER (July – December) 2019 Mid-Semester Examination, September 2019 E : 16/09/2019  ZOOLOGY (Honours)	Full Marks : 25 [5×5]
Time	B.A./B.Sc. FIRST SEMESTER (July – December) 2019 Mid-Semester Examination, September 2019  E : 16/09/2019  E : 11 am – 12 noon  Paper : I[CC 1]	[5×5]
Time	B.A./B.Sc. FIRST SEMESTER (July – December) 2019 Mid-Semester Examination, September 2019  e: 16/09/2019 E: 11 am – 12 noon  Paper: I[CC 1]  Answer any five questions:  Vorticella & Nosema belong to the phyla & respectively.	[5×5] What [2+2+1]
Time	B.A./B.Sc. FIRST SEMESTER (July – December) 2019  Mid-Semester Examination, September 2019  E : 16/09/2019	[5×5] What [2+2+1] different [2+1+2]
1. 2.	B.A./B.Sc. FIRST SEMESTER (July – December) 2019  Mid-Semester Examination, September 2019  200LOGY (Honours)  21	[5×5] What [2+2+1] different [2+1+2] on of an
1. 2. 3.	B.A./B.Sc. FIRST SEMESTER (July – December) 2019 Mid-Semester Examination, September 2019  200LOGY (Honours) E: 11 am – 12 noon Paper: I[CC 1]  Answer any five questions:  Vorticella & Nosema belong to the phyla & respectively. The area of amoebocytes in sponges? Why class Calcarea is named so?  Describe the process of Autogamy in Paramoecium sp. What is Planula? Mention the of types of zooids found in Physalia colony with relevant diagrams.  Draw a labelled diagram of the microscopic structure of flagella. Comment on the formation Atoll. State the location and function of cnidoblasts?	[5×5] What [2+2+1] different [2+1+2] on of an [2+2+1] [3+2]

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