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AR-18

Total Number of Pages : 1

M. Sc

M. Sc 3rd SEMESTER REGULAR EXAMINATIONS, NOV/DEC 2019-20

Subject code: P-731

Subject: Biology of Non-Chordata

Time: 2 Hours

Max Marks: 40

The figures in the right hand margin indicate marks.

Answer all Question

The figures in the right hand margin indicate marks.

Q1 a) Give an account of Polymorphism in Coelenterata. 14

OR

Answer any 2 of the following (2×7=14)

- b) Write notes on parasitism in Protozoa. 7
- c) Write notes on reproduction in Porifera. 7
- d) Write notes on structure of Ctenophora. 7

Q2 a) Describe respiration in Arthropoda. 13

OR

Answer any 2 of the following (2×6.5=13)

- b) Write notes on vision in insects. 6.5
- c) Write notes on metamerism in Annelida. 6.5
- d) Write notes on life cycle of Ascaris. 6.5

Q3 a) Describe the water vascular system in Echinodermata. 13

OR

Answer any 2 of the following (2×6.5=13)

- b) Write notes on affinities of Hemichordata. 6.5
- c) Write notes on affinities of Gastrotricha. 6.5
- d) Write notes on Sericulture. 6.5