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Register Number:

Name of the Candidate:

M.Sc. DEGREE EXAMINATION, May 2015
(MARINE BIOLOGY AND OCEANOGRAPHY)
(FIRST YEAR)

130: INVERTEBRATES AND PROCHORDATES

Time: Three hours

Maximum: 100 marks

Answer ALL questions

(5 × 20 = 100)

1. a) With suitable diagrams, describe about canal system on sponges.
(OR)
b) Classify kingdom protozoa till order level and give salient features of each.
2. a) Describe about the structure by phoronida.
(OR)
b) Give classification by Brachiopoda. Also state the evolutionary history of Brachiopoda.
3. a) Describe about crustacean. Appendages.
(OR)
b) Give a detailed account of feeding method of Polychaeta.
4. a) Describe about "Torsion" in Gastropods.
(OR)
b) Give classification of mollusca with salient features of each class.
5. a) Give a detailed account of Larval forms in Echinodermata
(OR)
b) Describe about Larval metamorphosis in Protochordates.

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