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**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**

**SEMESTER EXAMINATIONS**

**NOVEMBER- 2016**

**16CPZO1A**

**LIFE AND DIVERSITY OF INVERTEBRATES**

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**Time: 3 Hrs**

**Max.Marks: 75**

**SECTION-A (5x 6 =30)**

**Answer ALL the questions.**

1. (a) Give an account on the classification of Animal Kingdom.  
(Or)  
(b) Write the economic importance of protozoa.
2. (a) Give an account on the polymorphism in Coelenterata.  
(Or)  
(b) Write a brief note on the functional morphology of helminthes.
3. (a) Discuss about Archiannelida.  
(Or)  
(b) Narrate the economic importance of Crustaceans.
4. (a) Discuss about the phylogeny of Mollusea.  
(Or)  
(b) Write about the evolutionary significance of Echinoderm larvae.
5. (a) Describe the structural peculiarities of Nemertinea.  
(Or)  
(b) Give an account on the fossils of Brachiopoda.

**SECTION-B (3x15 =45)**

**Answer any THREE of the following questions.**

6. Explain about the theories of origin of Metazoa.
7. Write an essay on Helminth diseases in Man.
8. Write about the phylogeny of Arthropoda.
9. Explain about the Torsion in Gastropods.
10. Describe the structural peculiarities and affinities of Rotifera.

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