

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore-641043.**

Master's Degree Examination – November 2017

I-Semester

**Class : I PG
Major : Zoology**

**Time: 3 hours
Max. Marks: 60**

17MZOC01 Functional Morphology of Invertebrates

Part A

10 x 1/2 = 5

Choose the correct answer

1. Who among the following considered taxonomy as a way of arranging and interpreting information _____
a. Mason and Simpson b. Heslop-Harrison
c. Simpson and Johnson d. Davis and Heywood
2. In _____ the head is simple and it is formed of a prostomium and a peristomium.
a. Platyhelminthes b. Annelida c. Mollusca d. All the three
3. During locomotion, the body of _____ is raised from the ground/surface.
a. *Cilia* b. *Flagella* c. *Amoeba* d. *Actinophrys*
4. Ciliates are capable of moving in water from _____ microns per second.
a. 300 upto 7000 b. 400 upto 8000 c. 500 upto 8000 d. 400 upto 7000
5. Basically the nerve-cord is double in nature but in _____ the two cords fuse to form a single structure.
a. *Coelenterata* b. *Cilia* c. *Pila* d. *Nereis*
6. The wall of capsule in *Pila* is composed of _____ layered epithelium.
a. Single b. Double c. Triple d. Both a and b
7. _____ has the longest proboscis and it can be protruded about one fifth of the length of the body.
a. *Autolytus* b. *Eunice* c. *Terebella* d. *Glycera*
8. In *Paramecium* the reproduction occurs generally by _____
a. Multiple fusion b. Binary fusion c. Conjugation d. Both b and c
9. In which type of nervous system the star fish sensory in function _____
a. Ectoneural b. Deep oral c. Aboral d. Endodermal
10. How many types of larvae occur in echinoderms _____
a. 8 b. 9 c. 7 d. 10

