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| **Level :** | **First Name :** |
| **Matter :** | **Last Name :** |
| **Date :** | **Registration number :** |
| **Duration:** |  |
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**First Semester Exam (Ordinary Session) (Differnet subjects)**

**Part I: Multiple Choice**

1.Which of the following is NOT a characteristic of molluscs?

a) Bilateral symmetry

b) Triploblastic

c) Radial symmetry

d) Coelomate

2.The three main classes of Rhizopoda are:

a) Lobosea, Granuloreticulosea, Sarcodina

b) Gymnamiba, Thecamoeba, Filosea

c) Heliozoa, Actinopoda, Foraminifera

d) Apicomplexa, Zoomastigophora, Ciliophora

3.Flatworms in the class Turbellaria are typically:

a) Ectoparasites on fish.

b) Endoparasites in vertebrates.

c) Free-living predators or scavengers.

d) Long, ribbon-like organisms with a scolex.

4.Which of the following is NOT a characteristic of arthropods?

a) Segmented appendages

b) Internal skeleton

c) Open circulatory system

d) Exoskeleton

5.The primary function of an insect's exoskeleton is:

a) Locomotion

b) Protection

c) Respiration

d) Digestion

6.Nematodes lack which of the following systems?

a) Digestive system

b) Circulatory system

c) Respiratory system

d) Nervous system

**Part II: Matching**

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| **1**.Choanocytes | **A**.Adhesive cells in ctenarians |
| **2**.Gastrovascular cavity | **B**.Specialized cells for filtering food in sponges |
| **3**.Cnidoblasts | **C**.Single body cavity in cnidarians |
| **4**.Scolex | **D**.Stinging cells in cnidarians |
| **5**.Colloblasts | **E**.Jelly-like substance in sponges |
| **6**.Protonephridia | **F**.Excretory system in some flatworms |
| **7**.Mesohyl | **G**.Head of a Cestoda |
| **8**.Bilateral symmetry | **H**.Fixed in place |
| **9**.Sessile | **I**.Body plan with two sides that are mirror images |

**Part III. Short Answer**

1.Briefly describe the difference between the classes of the phylum Arthropoda.

2.Describe the general characteristics of arthropods, and name the different classes of this Phylum.

3.List the four classes of Spongiaria and provide one unique characteristic for each class.

4.Explain the different life cycle observed in Plathelminthes and provide examples for each.

5.Give the classification of Metazoans and the criteria of this classification

6.Describe the general characteristics of arthropods, and name the different classes of this phylum

7.Explain the different lifestyles observed in Plathelmintha and provide examples for each

8.List the four classes of Spongiaria and provide one unique characteristic for each class.

**Part IV. Diagram**

Draw and compare the two main forms (Medusae and polyp) found in cnidarians.

Draw the body of Sponge (with legend).

***All the success for my students***