

**1<sup>st</sup> Class Test-2023**  
**Sub: Zoology**  
**Class: 1<sup>st</sup> semester (Major/Minor)**  
**Paper: Diversity of Non-Chordates (ZOO-1011)**  
**S. B. Deorah College**  
**Guwahati-781007**  
**Full Marks: 20**  
**Time: 1Hr**

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**All Questions are Compulsory**

Answer the following Questions

Q. A Choose the correct one - 1×3=3

Q. 1 Flagellated chambers are found in:

- a. *Leucosolenia*      b. Leucon type      c. Ascon type      d. Sycon type

Q. 2 Which of the following is the most distinctive characters of sponges:

- a. that they are acellular  
b. that they possess special cells called choanocytes  
c. that they reproduce asexually  
d. that they are all marine

Q. 3 Classification of sponge is based on:

- a. locomotory organs      b. skeleton      c. size      d. number of ostia

Q. B Match the following (Any Seven) 1×7=7

A

- a. *Euplectella*
- b. *Euspongia*
- c. *Halichondria*
- d. *Cliona*
- e. *Phyllospongia*
- f. *Hippospongia*
- g. *Chalina*
- h. *Ephydatia*

B

- a. Bath Sponge
- b. Venus' flower basket
- c. Boring Sponge
- d. Crumb-of-bread
- e. Horse sponge
- f. Leaf sponge
- g. Freshwater Sponge
- h. Mermaid's gloves

Q. C What is canal system in Porifera? Write it's functions and describe the types of canal system found in Porifera with diagram. 2+2+6=10