

F.Y.B.SC

SEM I Paper I (Non chordates)

Unit 1

1. Which of the following is a characteristic feature of Sponges?
 - Tissue level of organisation
 - Presence of ostia
 - Extra cellular digestion
 - Indirect development

2. Tissue level organisation is first seen in
 - Coelenterates
 - Platyhelminthes
 - Nematahelminthes
 - Arthropod

3. Non-Chordates is
 - Porifera to Platyhelminthes
 - Porifera to Annelids
 - Porifera to Echinoderms
 - None of these

4. Skeleton is made up of _____ in Porifera
 - Spicules
 - Spongine
 - Both A and B
 - Chitin

5. Cavity of Coelenterates is called____ -
 - Cavity
 - Coelenteron
 - Coelom
 - All above

6. Reproduction occurs in Paramoecium with_____
 - Oblique Binary Fission
 - Simple Binary Fission
 - Longitudinal Binary fission
 - Transverse Binary Fission

7. New individuals develop from small projections or outgrowths of the parents known as _____
 - Fragmentation
 - Sporulation
 - Budding
 - None of these

8. _____ type canal system present in Sycon

Asconoid

Syconoid

Both A and B

None of these

9. Collar cells are found in

Round worm

Earthworm

Sponges

Liver fluke

10. Flatworm belongs to phylum_____

Platyhelminthes

Ctenophora

Annelida

Nemathelminthes