

Academic: First Year
Programme: Biological and
Chemical Science
Date: 1 / 2012
Total assessment mark: 00



Department: Zoology
Subject : Invertebrates Z132
Time allowed: 3 hour
No. of pages: (1)

Final examination

- 1- Define the Following : (9 marks)
1- Holozoic nutrition –Types of associations
- 2- Make a complete labelled drawing of the Following : Body wall of simple sponge , *Aurelia* and *Trypanosoma lewisi* (10 marks).
- 3- Write an essay on the life cycle of *Schistosoma mansoni* (10 marks).
- 4- Write briefly on the following (21 markes)
a- General characters of phylum Apicomplexa .
b- General characters of phylum Porifera .
c- General characters of phylum Aschelminthes.

End questions