

**Bago University**  
**Department of Geology**  
**Second Semester Examination, September 2019**

**Third Year**  
**(Geology Specialization)**

**Geol. 3110**  
**Invertebrate Paleontology II**  
**Time Allowed: (3) Hours**

**Answer any Five questions with appropriate sketches wherever necessary.**

1. Illustrate the morphology of trilobites and fully describe it.
  2. Discuss on the morphology of cephalopods with appropriate diagrams.
  3. Analyze on the morphology of brachiopods.
  4. Write notes on the following:
    - (a) Differentiate between the pelecypod and brachiopod shells
    - (b) Types of muscle scar of pelecypods
  5. Describe the behavior of trace fossils and ammonite sutures.
  6. Define trace fossils. Discuss on the type of trace fossils and activity traces.
  7. Explain about the classification of Subclass - Nautiloidea.
-