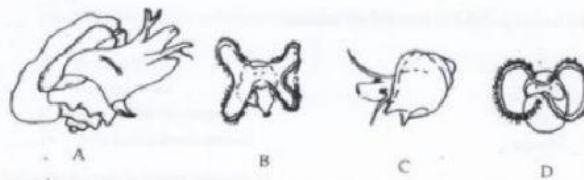


## The Queen Conch Worksheet- Lifecycle and Diet

1. The diagram below shows four stages within The Queen Conch's lifecycle.



a) (i) Which letter shows the Queen conch:

after it has hatched \_\_\_\_\_ as a juvenile \_\_\_\_\_ as an adult \_\_\_\_\_ [3]

ii) Write the letter of the diagram showing the Queen conch in a:

benthic stage \_\_\_\_\_ pelagic stage \_\_\_\_\_ [2]

b) Fertilization of eggs takes place within the female Queen conch's body. What is the term that describes this type of fertilization.?

\_\_\_\_\_ [1]

c) After fertilization, the female releases an egg mass containing about how many eggs? [1]

\_\_\_\_\_

d) During its larval stages, the Queen conch is referred to as a \_\_\_\_\_. [1]

e) As a larva, the Queen conch has a number of lobes with cilia rimmed around the edges. Name the structures that enable the conch to : [3]

move around \_\_\_\_\_

absorb oxygen from the water \_\_\_\_\_

move food into its mouth \_\_\_\_\_

f) The structure of the conch at stage B and C is very different. Name the process responsible for this change. [1]

\_\_\_\_\_

f) (i) After what length of time does the Queen conch reach stage A? [1]

\_\_\_\_\_

g) The Queen conch mainly feeds on algae and various other types of plant matter. Therefore, the term used to describe the Queen conch is \_\_\_\_\_. [1]