

SPIKE CBC ADVANCED LEVEL SERIES

ITEM 5

A scientific researcher conducted a study on some aquatic organisms. The study included organisms like the hydra oligactis, some fish, Microstomum lineare a flat worm, crustaceans and aquatic insects.

He noticed that the fish, Microstomum lineare, crustaceans and aquatic insects fed on some parts of the hydra as a result the number of fish, Microstomum lineare, crustaceans and aquatic insects increased while that of the hydra oligactis reduced significantly.

TASK

(a) Discuss the diversity of cells of hydra that were affected and how this caused the population of hydra to decrease (9 SCORES SCORES)

(b) Explain what caused the population of the fish, crustaceans, Microstomum lineare and aquatic insects to increase. (6 SCORES)
