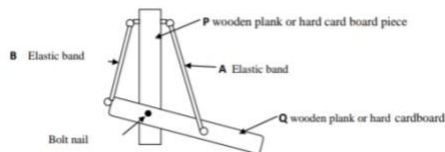


- 1) A model of an elbow unit prepared by using Wooden plank or hard cardboard pieces is given below.



- (a) What happens when elastic band A contracts without moving the wooden plank P?
 - (b) What happens when elastic band B contracts without moving the wooden plank P?
 - (c) What happens when biceps muscle is contracted?
 - (d) What happens when triceps muscle is contracted?
 - (e) Write down the appendages used by the following animals for their locomotion.
 - Amoeba
 - Euglena
 - Dolphin
- 2) (a) What is the tissue layer found at the end of the naturally fallen leaf stalk?
- (b) What is the function of the above tissue layer?
- (c) Write a use of each artificial growth substances given below.
- NAA
 - 2,4 DPA
 - Cytocell
- 3) (a) Name 2 severe health problems which has occurred at present as the side effects of extreme use of artificially synthesized chemicals.
- (b) Name 2 natural herbal substances used in the past in Sri Lanka as disinfectants.
- (c) What is called organic farming?
- (d) Write 2 cultivation methods used in land management for high productivity.