Question 6:

The following question shows an orthographic and pictorial view of a play area for monkeys in a zoo. You are required to draw a planometric (60°, 30°) projection of the play area. Every unit on the scale ruler in the orthographic projection is 10mm. Draw the play area using the starting lines indicated by letter A. Marks will be awarded for neatness and accuracy.

(10 marks)

Question 7:

The image of the turtle on the right indicates the reptile area of the zoo. Construct the cycloid of point Q for one revolution to complete the shell.

Marks will be awarded for neatness and accuracy.

(15 marks)