ASSIGNMENT

1. Explain three evidences of the particle nature of matter

2(a) Explain the three states of matter

(b) Describe the properties of the three states of matter.

3(a) What is surface tension?

(b) State two methods by which surface tension can be reduced.

4 (a) State Hooke’s law

(b) Calculate the elastic constant of a spring with a given force of 8N and extension 5cm