

- 3 (a) With reference to the arrangement of atoms, distinguish between metals, polymers and amorphous solids.

metals:

.....

polymers:

.....

amorphous solids:

.....

[3]

- (b) On Fig. 3.1, sketch the variation with extension x of force F to distinguish between a metal and a polymer.

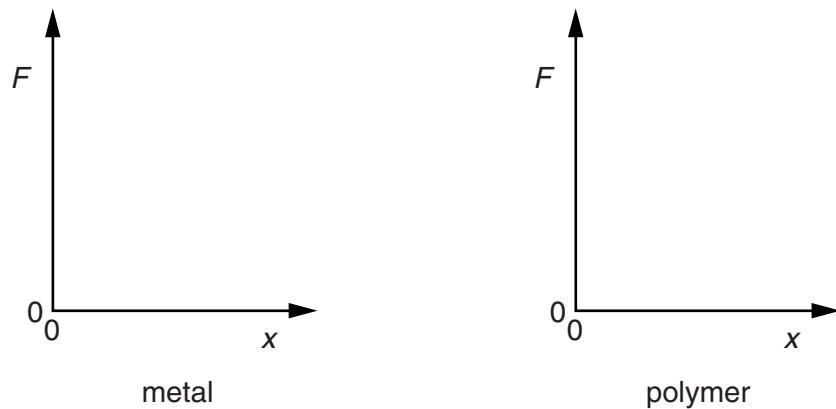


Fig. 3.1

[2]