1. Defi ne the term sensitivity. ................................................................................................................................................... ................................................................................................................................................... ............................................................................................................................................. [1]
2. Diagram

   Description automatically generated

On Fig. 3.1 use label lines to identify and name the three types of neurone shown. [3]

(c) A refl ex is an involuntary action. Explain what is meant by the term involuntary action. ................................................................................................................................................... ................................................................................................................................................... ................................................................................................................................................... ............................................................................................................................................. [2]

(d) (i) Defi ne the term synapse. ........................................................................................................................................... ..................................................................................................................................... [1]

(ii) Describe how impulses are transmitted across a synapse. ........................................................................................................................................... ........................................................................................................................................... ........................................................................................................................................... ........................................................................................................................................... ........................................................................................................................................... ..................................................................................................................................... [3]