



# The Nervous System & Reflex Arc

1 What sort of signal does the nervous system carry?

.....

[ 1 marks ]

2 How are nerve cells adapted to their function?

.....

.....

[ 2 marks ]

3 Name three things that receptors may detect e.g. receptors in the ears detect sound waves

1) .....

2) .....

3) .....

[ 3 marks ]

4 Name the two components of the central nervous system

1) .....

2) .....

[ 2 marks ]

5 What is the order of the components in the below list when responding to a stimulus?

Motor neurone       Receptor       Stimulus       Response

CNS       Sensory neurone       Effector

[ 7 marks ]

6 Explain what happens at a synapse and why they are necessary

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[ 4 marks ]

7 What is a reflex and why are they are so important (you do not need to detail the reflex arc)?

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.....

*[ 3 marks ]*

8 Explain the reflex action your body would make if you stood on a sharp rock

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.....  
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*[ 6 marks ]*

*[ Total 28 marks ]*