**MCQ**

1. When the urinary bladder becomes stretched, there is an increase in the frequency of action potentials travelling from …
2. The urinary bladder to the sacral
3. The parasympathetic neurons to the urinary bladder
4. Somatic motor neurons
5. Ascending spinal pathways to the pons and cerebrum
6. In response to these impulses, which of the following cause the smooth muscle on the urinary bladder to contract?
7. The urinary bladder to the sacral
8. The parasympathetic neurons to the urinary bladder
9. Somatic motor neurons
10. Ascending spinal pathways to the pons and cerebrum
11. When urination is desired, decreased action potentials along which of the following causes relaxation of the external urinary sphincter?
12. The urinary bladder to the sacral
13. The parasympathetic neurons to the urinary bladder
14. Somatic motor neurons
15. Ascending spinal pathways to the pons and cerebrum
16. If urination is not convenient, the brain sends impulses down the spinal cord to inhibit the micturition reflex
17. True
18. False