APPENDIX : VII

Post-Test on the Olfaction and Gustation

1. The Olfactory stimulus excites
   a) the ear ( )
   b) the nose ( )
   c) the eye ( )
   d) the taste buds ( )

2. At the top of the nasal cavity we find numerous
   a) nasal receptors ( )
   b) olfactory bulb ( )
   c) olfactory nerve ( )
   d) olfactory receptors ( )

3. The intensity of the odour that comes in contact
   with the nose must be
   a) within the absolute threshold ( )
   b) above the absolute threshold ( )
   c) below the absolute threshold ( )
   d) strong enough ( )

4. Tick mark the correct word to be filled in

   a) nasal receptor ( )
   b) olfactory bulb ( )
   c) olfactory nerve ( )
   d) olfactory receptor ( )
5. The olfactory receptor is made the following in order.
   a) nerve fibre, filament, cell body  
   b) filament, cell body, nerve fibre  
   c) cell body, filament, nerve fibre  
   d) filament, nerve fibre, cell body

6. The nerve fibre connects the olfactory receptor to
   a) the filament  
   b) the cell body  
   c) the olfactory bulb  
   d) the olfactory nerve

7. Nerve impulses are carried to the brain by the
   olfactory nerve from
   a) The cell body  
   b) The olfactory bulb  
   c) The olfactory receptors  
   d) The nerve fibres

8. 'Gustation' is a technical name for
   a) smell  
   b) touch  
   c) taste  
   d) hearing

9. Tick mark the correct word to be filled in

   a) supporting cell  
   b) taste receptors  
   c) taste bud  
   d) nerve fibre
10. To opening of the taste bud is called taste pore. This taste pore leads to—
   a) supporting cells
   b) taste receptors
   c) nerve fibres
   d) the hairs

11. The most important cells of the taste bud
   a) the taste receptors
   b) the supporting cells
   c) the hair cells
   d) the nerve cells

12. The cranial nerve conducts nerve impulses from
   a) the olfactory receptors to the brain
   b) taste buds to the brain
   c) olfactory bulb to the brain
   d) the taste receptors to the brain

13. Taste buds are distributed widely in the mouth, nerve impulses are collected by all these buds by
   a) three major auditory nerves
   b) three major cranial nerves
   c) three major olfactory nerves
   d) three major optic nerves

14. Taste buds are widely distributed but more taste buds are found
   a) on the lower surface of the tongue
   b) on either sides of the tongue
   c) in the cheeks
   d) on the upper surface of the tongue

15. Gustatory stimuli enters the taste bud in the following order.
   a) taste pore, hair, taste receptors, nerve fibre
   b) hair, taste pore, nerve fibre, taste receptors
   c) taste receptors, taste pore, hair, nerve fibre
   d) nerve fibre, taste receptors, taste pore, hair

16. Odours contain molecules that are in
   a) liquid state
   b) solid state
   c) semi liquid state
   d) gaseous state