Unit 5 - Week 3

Assignment 3

Due date for submission: 2020-03-18, 23:59 IST.

1. "The capacity of the sensory systems of adjusting their sensitivity or changes in the environmental conditions lower is known as __________." 1 point
   - Sensation
   - Perception
   - Cognition
   - Adaptation

   No, the answer is incorrect.
   Accepted Answer: Adaptation

2. "Which of the following nerves is not pass through the brain?"
   - The optic nerve
   - The olfactory nerve
   - The vestibulocochlear nerve
   - The spinal nerve

   No, the answer is incorrect.

3. "The sensory nerve of the lining bones is _________."
   - Thermal receptors
   - Mechanical receptors
   - Psychosomatic receptors
   - All of the above
   - None of the above

   No, the answer is incorrect.
   Accepted Answer: All of the above

4. "What is the function of the uterus?"
   - Nociceptors communicate the sense of pain.
   - Musculature of the uterus communicates the sense of touch.
   - Somatosensory receptor cells have their cell bodies in the dorsal root ganglia.
   - The sense of touch is communicated by fasciculi corporaili & Ruffini corpuscles.

   No, the answer is incorrect.
   Accepted Answer: Nociceptors communicate the sense of pain.

5. "Which is the primary afferent fiber that classifies a complex sensation?"
   - Thalamus
   - Motor cortex
   - Cortex
   - Somatosensory

   No, the answer is incorrect.
   Accepted Answer: Thalamus

6. "The primary somatosensory cortex (SI) includes Brodmann's area 1, 4, & 5.
   - The area of touch is communicated by thalamus cells.
   - Somatosensory structures provide the experience of any kind of mechanical stimuli.
   - Sensory receptors responsible for various aspects of somatosensation for the skin and the musculoskeletal system.

   No, the answer is incorrect.
   Accepted Answer: The primary somatosensory cortex (SI) includes Brodmann's area 1, 4, & 5.

7. "The somatosensory cortex of the right hemisphere is organized in a _________."
   - Radial
   - Radial
   - Motor
   - Spinal

   No, the answer is incorrect.
   Accepted Answer: Radial

8. "The ganglion cells receive inputs from a large number of ________ and only a few ________.
   - Rods, cones
   - Photoreceptors, cones
   - Pigment cells, retinal nerve
   - Sensory elements, choroids

   No, the answer is incorrect.
   Accepted Answer: Rods, cones

9. "Match the following:
   - A
   - B
   - C
   - D
   - (1) Pharmacology
   - (2) Motor learning
   - (3) Sensory experience
   - (4) The structure of the nervous system
   - (5) A describer of color perception
   - (6) A describer of vision perception

   No, the answer is incorrect.
   Accepted Answer: A - Motor learning, B - Sensory experience, C - The structure of the nervous system, D - A describer of color perception

10. "Amphibians are unique to two kinds of photoreceptors, and can be described as either red-green color blind or blue-yellow color blind." 1 point
    - Amphibians
    - Birds
    - Insects
    - Mammals

    No, the answer is incorrect.
    Accepted Answer: Amphibians