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BIO314  
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1. Where bilateral sense organs are used to determine the stimulus direction , the taxes is called

Telotaxes

Klinotaxes

--->> Tropotaxes

Planotaxes

2. Which of these is not a biological factor that may be related to the development of sexual orientation

Genes

Prenatal hormones

Brain structure

--->> All of the option

3. All these are the three identified classes of taxes based on the type of sensory organ present except

Klinotaxes

--->> Planotaxes

Tropotaxes

Telotaxes

4. The type of taxis seen when movement of an organism is in response to sound is

Phototaxis

--->> Phonotaxis

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Galvanotaxis

5. The response to an organism in variation in oxygen concentration is known as

Anemotaxis

Thermotaxis

Barotaxis

--->> Aerotaxis

6. The movement of an organism in response to variation in light intensity and direction is

Thermotaxis

Thigmotaxis

Lightotaxis

--->> Phototaxis.

7. Taxis differ from tropism in the following areas except

--->> Growth towards a stimulus

Motility

Guided movement towards the stimulus

Guided movement away from the stimulus

8. The orientation of organism towards conditions of optimal metabolic activity by sensing the internal energetic condition of cell ( i.e intracellular stimulus) is

Chemotaxis

Geotaxis

--->> Energy taxis

Aerotaxis

9. The behavioural response of an organism to a current in a fluid or fluid flow is called

--->> Rheostasis

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Hydrotaxis

Barotaxis

10. An innate behavioral response by organism to a directional stimulus or gradient of stimulus intensity is called

Nastism

---> Taxis

Tropism

Tactic

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