Behavior EOC Review

1. Fill in the chart below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Behavior Type** | **Definition** | **Example Stimulus** | **Example Response** |
| Innate  Also called: |  |  |  |
| Learned-Conditioning  2 types: a.  b. |  |  |  |
| Learned Habituation |  |  |  |
| Social Behavior |  |  |  |
| Reflex |  |  |  |
| Taxes |  |  |  |

1. Which type of behavior in the above chart is a broad category that can include several of the other behavior types? Why?
2. Define Imprinting. Under which category of behavior does imprinting fall from the above chart? Why?
3. Fill in the chart below:

|  |  |
| --- | --- |
| **Scientist** | **Important Behavior discovery** |
| Ivan Pavlov |  |
| B.F. Skinner |  |
| Konrad Lorenz |  |

1. What are the chemicals that control behavior called? How are these different from pheromones? List some of the plant chemicals that control their tropisms and their functions.
2. Compare and contrast circadian rhythms and annual rhythms. Give specific examples of each.
3. What is photoperiodism and what controls it? How does the concept of long-day and short-day plants fit into photoperiodism?