

**Basic (bottom up) or higher-order (top down) systems of processing :**

Basic and higher-order systems of processing are two complementary cognitive processes. The basic system of processing starts from the sensory organs and heads to the cerebral system. This bottom-up processing is the analysis of received stimulation by sensory receptors.

The higher-order system of processing starts from the brain and goes to the sensory organs. This top-down processing is the use of prior knowledge or expectations in perception.