

## Cognition and Human Performance – conceptual notes - sample

- **Classical theory and Theory theory:** What is the correct comparison between Classical theory and Theory theory: Classical theory assumes categories are defined by a set of features or rules, where the Theory theory suggests that context and theories of the world around us drive concept
- **Cones:** Concentrated in the centre of the retina (especially fovea). Sensitive to colour and fine detail (high resolution).
- **Craik and Lockhart (1972)** ran a memory experiment where they showed people the same list of words but in different conditions. In one condition, people made font judgments on the words, in another they made rhyme judgments, and in the final condition they were asked to put the words in sentences. After the task they were asked to recall the words. The idea of this was to examine whether processing stimuli at a greater depth affects later recall i.e., that the deeper you processing something, the stronger the memory will generally be.
- **Double dissociation** A neuropsychologist has found that during a task to determine the extent of damage of a head injury to a patient that some patients performed well on the first task but poorly on the second task. This was the opposite pattern for the other patients the neuropsychologist tested. This is an example of: A double dissociation
- **dual route model of reading** The dual route model of reading proposes two routes to reading: The direct access route and the indirect access route. A person who has damage to the indirect access route will likely have problems reading both irregular and nonsense words
- **dual-process model** What is system 2 of the dual-process model? System 2 is slow, effortful and serial, and is more likely to be deliberately controlled and monitored. Rules are likely to govern processes / System 2 monitors or evaluates and system 1 make corrections
- **Dual process theory** takes aspects of both trichromatic and opponent process theory
- **emotion** Which of the following provides the best description of emotion. A brief affective experience
- **exemplar** An exemplar is: The category that most people think of when they are asked to provide an example in a given category
- **encoding experience** What factors enrich the encoding experience? Distinctiveness and elaboration /Self-reference /Context and emotions/mood
- **Flashbulb memory** What is the memory when a vivid and detailed account of an event is printed permanently in the memory system? Flashbulb memory
- **Gross and Thompsons (2007)**'s process model of emotion regulation proposes that we use a range of emotion regulation strategies. Julia decides to turn the show she is watching up louder to try to distract herself from the noise outside. This is an example of which type of emotion- regulation strategy and attentional deployment
- **gestures is universal** The order that we communicate something using gestures is universal