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**School of Liberal Education****Master of Arts in Applied Psychology****Mid Term Examination - Nov 2023****Duration : 90 Minutes****Max Marks : 50****Sem I - K1PM101T - Cognitive Psychology**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) How do neurons transmit signals within the nervous system? K2 (2)
- 2) Define a neuron and its basic function. K1 (3)
- 3) Explain the concept of selective attention and provide an example of a situation where selective attention plays a crucial role. K2 (4)
- 4) Illustrate with example how do sensory receptors and neural pathways contribute to the conversion of external stimuli into neural signals? K2 (6)
- 5) Explain the organization of the nervous system and its relevance to cognitive neuroscience. K3 (6)
- 6) Identify a key issue in cognitive psychology research and briefly explain its significance. K3 (9)
- 7) Analyze the key differences between cognitive psychology and behaviorism in terms of their foundational principles and approaches to understanding human behavior and cognition. K4 (8)
- 8) Compare and contrast different brain imaging techniques used in cognitive neuroscience research. K4 (12)

**OR**

- Compare and contrast different approaches within cognitive psychology and their implications for research and application. K4 (12)