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## SECTION 2: STRUCTURED ESSAY QUESTIONS (60 MARKS)

Choose 04 out of the 06 questions given below and answer using the provided answer sheets

1. Models of memory is useful to identify memory functions and processes.
  - (a) Draw a diagram of the working memory model introduced by Baddeley and Hitch in 1974 including all components of the model (5 marks)
  - (b) Write an example and explain how a schema is used to identify stimuli with top-down and bottom-up processing (10 marks)
2. Memory is important for human functioning and there are disorders of memory.
  - (a) Briefly explain what are the specific features of a memory disorder using an example (4 marks)
  - (b) Compare and contrast cognitive neuroscience versus cognitive neuropsychology as approaches to studying human cognition (4 marks)
  - (c) Explain why STM (Short Term Memory) is known as the foundation toward long-term learning of new information (7 marks)
3. Accuracy and reliability of eye witness memory depends on several factors.
  - (a) List and explain two characteristics of a criminal event that can affect eye-witness memory (6 marks)
  - (b) Describe a case study which showed evidence for creation of false memories (9 marks)
4. Everyday tasks sometimes require people to divide their attention to several tasks.
  - (a) Explain what is known as the 'shadowing task' in attention research? (6 marks)
  - (b) Discuss the factors which can affect performance of dual tasks at the same time with examples (9 marks)
5. Discuss the following statements by providing relevant arguments, evidence and examples
  - (a) 'Environment plays a key role in determining intelligence' (5 marks)
  - (b) 'Cultural differences affect memory capacity' (5 marks)
  - (c) 'Dementia is not a single disease' (5 marks)
6. Write brief notes on the following topics
  - (a) Monocular depth cues using two examples (5 marks)
  - (b) Prosopagnosia and face recognition (5 marks)
  - (c) Language Acquisition Device (5 marks)

