



BSC HONS IN PSYCHOLOGY  
PLU3311: COGNITIVE PSYCHOLOGY- LEVEL 3  
FINAL EXAMINATION PAPER  
DURATION: 02 HOURS

(2)

DATE: 09<sup>th</sup> November 2019

TIME: 01.30am-03.30am

**SECTION 2: ESSAY QUESTIONS (60 MARKS)**

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

1. Cognitive psychology studies about how people perceive, learn, remember and think about information
  - a) Define the term metacognition (3 marks)
  - b) Identify and describe the approach that uses brain imaging techniques to study human cognition. Provide examples. (6 marks)
  - c) Explain a famous case study that provided evidence for brain localization (6 marks)
2. Human memory can be tested using various tasks and tools and the evidence allows models of memory to be accepted or rejected.
  - a) List and explain the three types of memory recall tasks used in cognitive psychology research (6 marks)
  - b) Explain main limitations of the multistore model of memory (9 marks)
3. Forgetting is a phenomenon experienced by all humans and it is usually considered as a negative process.
  - a) Explain Herman Ebbinghaus's contribution to research on human forgetting (7 marks)
  - b) Name and describe the theory which explained forgetting to occur not only with time but also as a result of events that occur during learning and retrieval (8 marks)

4. **Perception is a subjective phenomenon that is experienced differently by everyone. Discuss each of the following statements explaining the related perceptual concepts and/or theories.**
- a) "The whole is more than the sum of its' parts" (5 marks)
  - b) "A mug is not just one object, it can consist of few components" (5 marks)
  - c) "The name of the ship that sailed away was only visible nearer to the port"(5 marks)
5. **Research has shown that culture has a profound effect on language development of children**
- a) Provide a definition for the concept of 'intelligence' (3 marks)
  - b) Explain a research study which has provided supporting evidence for the influence of culture on language development (6 marks)
  - c) According to Horn and Cattell's Gf-Gc model of intelligence (1960), culture has an influence on intelligence. Discuss this. (6 marks)
6. **Write short notes on THREE topics from the following.** (3 x 5 marks)
- a) Anchoring and Adjustment heuristic
  - b) Alzheimer's disease
  - c) Sensory memory store of multistore model
  - d) Linguistic relativism
  - e) Analogical problem solving
  - f) Eye witness testimony

-----END OF QUESTION PAPER-----