UNIVERSITY OF BOLTON

SCHOOL OF EDUCATION AND PSYCHOLOGY

PSYCHOLOGY PROGRAMES

SEMESTER 1 EXAMINATION 2018/19

COGNITIVE PSYCHOLOGY

MODULE NO: PSC5004

Date: Monday 14 January 2019   Time: 10:00 – 13:00 (3 hours)

INSTRUCTIONS TO CANDIDATES:

Candidates are advised that the examiners attach importance to legibility of writing and clarity of expression. YOU ARE STRONGLY ADVISED TO PLAN YOUR ANSWERS.

There are 20 questions on this paper. Answer 6 questions.

SECTION A

Answer ONE question from EACH of parts (a) to (d). This section accounts for 20% of the total marks.

SECTION B

Answer ONE question. This section accounts for 40% of the total marks.

SECTION C

Answer ONE question. This Accounts for 40% of the total marks.

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SECTION A – Short answer questions.

Answer ONE question from EACH of Sections (a) to (d)

(a) IMAGERY
1. Briefly explain how images can be used to aid memory. Include relevant examples to support your answer.
2. Briefly explain how analogue codes differ from symbolic codes as described in Paivio's (1969) dual code theory.
3. What do mental rotation tasks suggest in relation to theoretical perspectives on imagery

(b) LANGUAGE
4. Why was Chomsky's work considered important in the development of cognitive psychological accounts of sentence comprehension?

5. Briefly outline 3 types of inferences that are used in discourse comprehension.
6. What are the main stages of speech production, as outlined by cognitive psychologists?

(c) ATTENTION
7. Describe Lavie's Theory of Perceptual Load and discuss how it relates to selective attention.

8. Discuss the differences between automatic and controlled processing using Schneider and Shiffrin's theory.

9. Explain the Flicker Paradigm in terms of perceptual processing.

(d) COGNITION AND EMOTION
10. Discuss how emotions can affect decision-making.

11. Explain what 'mood congruent memory' is and what it suggests.

12. Describe the main differences between emotional response and emotional experience.

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SECTION B

Answer ONE question from this section

1. Outline and evaluate the proposal that visual imagery involves similar processing areas to visual perception. Include relevant research to support your answer.

2. Using relevant examples used in research, compare and contrast two different types of problem solving strategies.

3. Outline and evaluate how garden path sentences may provide support for models of cognitive processes involved in sentence comprehension.

4. Evaluate how speech errors have been used to support theoretical accounts of speech production. Incorporate relevant research to support your answer.

SECTION C

Answer ONE question from this section

1. Discuss the existence of multiple components of Working Memory. Include empirical evidence to support your answer

2. Compare and contrast early selection and late selection theories of attention.

3. Evaluate the location-based theories of selective visual attention.

4. Discuss how emotions can have an influence on cognition. Include examples of two distinct cognitive processes to support your answer.

END OF QUESTIONS