

## EXAM 2 – STUDY GUIDE

The exam will be 50 multiple-choice questions. Most of the questions will be based on material covered in lecture. It is also important that you read the chapters in the textbook – there will be question that will come directly from the textbook (material not covered in lecture). If want you to be able to understand and apply the material ... not just spit back the facts.

### Chapter 9- Life Span Development I

1. How do psychologists study development?
  - a. What are two common research designs?
  - b. Why are twins important in studying development
  
2. What is prenatal development?
  - a. What are the human reproductive cells (gametes)?
  - b. Where does conception take place?
  - c. What is the fertilized egg called?
  - d. What are the three stages of prenatal development?
    - i. How long is each of these stages?
    - ii. What are some milestones for each stage?
  - e. What nourishes and protects the developing fetus during pregnancy?
  - f. What factors can influence prenatal development?
  - g. What are teratogens?
    - i. What is the leading cause of mental retardation?
    - ii. What is Fetal Alcohol Syndrome?
    - iii. What are the characteristics of FAS?
  - h. Why do some factors affect the developing person more than others?
  - i. What is the age of viability and what factor influences this?
  - j. What is the first organ (system) to develop? What is the last to develop?
  - k. Why do fetuses swallow amniotic fluid in the womb?
  - l. Do fetuses experience any of the senses before birth? Which ones?
  - m. Which sense is the least developed at birth? Which is the most developed?
  
3. What are the primary reflexes?
  - a. Be able to identify each reflex.
  - b. When do these reflexes appear?
  
4. What is the period of infancy?
  - a. How do infants see the world?
  - b. Do infants have a preference for what objects they see?
  - c. What did we learn from Frantz' research?
  - d. What is Habituation?
  - e. What did we learn from Arlene Walker-Andrews' research?
  - f. What is the visual cliff?
    - i. Be able to identify this experiment and the results produced.
  
5. How do we develop thought?
  - a. Who was Jean Piaget?
  - b. What is a schema?
  - c. What are the two ways Piaget believed people could change their schema?

- d. What are Piaget's stages of cognitive development?
  - i. Be able to identify all the stages with milestones for each stage.
  - ii. Which stage did Piaget believe was the most important?
- e. What is object permanence? When does it develop?
- f. What is egocentrism?
  - i. What stage(s) is most associated with egocentrism?
- g. What is conservation?

### **Chapter 10- Life Span Development II**

- 1. What is Attachment?
  - a. When does attachment develop?
  - b. What factors affect the development of attachment?
  - c. What did Harry Harlow's research suggest about attachment in children?

**Please note that Chapter 12 on Personality will NOT appear on Exam 2 as scheduled on the syllabus, but will be on Exam 3.**