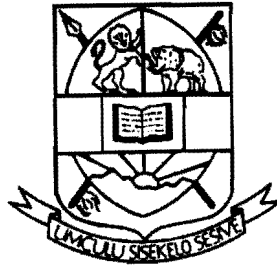


UNIVERSITY OF SWAZILAND



DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND MANAGEMENT

SUPPLEMENTARY EXAMINATION PAPER, JULY 2012

COURSE CODE : **EDF 101**

TITLE OF PAPER : **AN INTRODUCTION TO EDUCATIONAL AND
DEVELOPMENTAL PSYCHOLOGY**

TIME ALLOWED : **THREE (3) HOURS**

INSTRUCTIONS

1. This paper has two sections in sections – ‘A’ and ‘B’.
2. Attempt ALL questions in Section A. Do not spend more than 30 minutes in this section. Make a circle around the letter with the correct answer in the question paper.
3. Section B has four essay questions. Question 1 is compulsory, so you have to answer it. Then choose any two other questions in this section. You have to answer a total of three questions in this section.

TOTAL MARKS : **100**

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION TO DO SO HAS BEEN
GRANTED BY THE INVIGILATOR**

SECTION A

- Instructions :**
- 1. Answer ALL questions in this section.**
 - 2. Select the best answer for each question and indicate it by circling the letter representing it in the question paper.**

1. When the reason for motivation depends on rewards outside the action itself, it is said to be
 - A. Inferred
 - B. Intrinsic
 - C. Extrinsic
 - D. Assumed
 - E. Acquired

2. A(n) ----- in science is an interrelated set of concepts that is used to explain a body of data and to make predictions about the results of future experiments.
 - A. principle
 - B. hypothesis
 - C. experimental design
 - D. theory
 - E. correlation

3. The changes that occur in human beings between conception and death are referred to as:
 - A. maturation
 - B. development
 - C. growth
 - D. cognitive development
 - E. functional differentiation

4. During the elementary and middle school years, according to Erickson, Children need to resolve the conflict between:
 - A. trust vs mistrust
 - B. autonomy vs shame and doubt

- C. initiative vs guilt
 - D. industry vs inferiority
 - E. industry vs isolation
5. Physical development of adolescents accelerates with puberty, which in Girls can span the ages of:
- A. 9 to 16 years
 - B. 10 to 13 years
 - C. 13 to 19 years
 - D. 12 to 13 years
 - E. 11.5 to 13.5 years
6. To be classified as learning any change in behaviour or knowledge must be:
- A. due to experience
 - B. due to maturation
 - C. temporary
 - D. due to physical needs
 - E. due to cognitive development
7. Mrs Simelane noticed that after she praised a pupil for helping to put the class library books in order, other pupils began to do so without being asked. This is an example of
- A. vicarious reinforcement
 - B. imitation
 - C. retention
 - D. production
 - E. all of the above
8. According to the information processing view of memory, which of the following memory store is being used when we are processing raw information from our environment as perceptions?
- A. sensory memory
 - B. working memory
 - C. long-term memory
 - D. short-term memory
 - E. procedural memory
9. According to Ausubel's theory of meaningful learning, a teacher should make a special effort to

- A. organize new material in a meaningful way.
- B. use meaningful and valuable rewards for successful learning
- C. repeat questions if pupils do not know the meaning of them.
- D. allow pupils to receive help from each other.
- E. allow pupils to rehearse the meanings of difficult words.

10. If the general pattern of growth starts with the head, this is known as

- A. elongation.
- B. proximodistal.
- C. cephalocaudal
- D. triangulation
- E. accommodation

11. If growth starts inwards and then spread outwards, this is known as

- A. elongation
- B. proximodistal
- C. cephalocaudal
- D. triangulation
- E. accommodation

12. After conception and before birth, the human being goes through three Developmental stages in the following order:

- A. zygote, foetus, embryo
- B. embryo, foetus, zygote
- C. zygote, embryo, foetus
- D. foetus, embryo, zygote
- E. embryo, zygote, foetus

Read the following passage and answer questions 13, 14 and 15 that follow:
Bongi has correctly spelled every word on the spelling list. The teacher responds by putting five gold stars on Bongi's paper and then pinning it on the notice board.

13. This event is an example of

- A. priming behaviour
- B. shaping behaviour
- C. operant conditioning
- D. classical conditioning
- E. motivation

14. In this example the gold stars are
- reward stimuli
 - reinforcers
 - conditional stimuli
 - B and C
 - None of the above
15. If the teacher gave out gold stars only occasionally and irregularly he/she would be using
- a ratio schedule
 - an intermittent schedule
 - positive followed by negative reinforcement
 - a combination of rewards and relief
 - periodical rewards

Match the theory or law with a related experiment. (Write the number in the space provided in the answer sheet.)

- | | |
|--|------------------------------|
| 16. Animals learned to press a lever to get food. | 1. Classical Conditioning |
| 17. The behaviour of children was observed after they had seen films in which adults acted aggressively. | 2. The Law of Effect |
| 18. Before reading a passage about Bhuddism, students reviewed the concepts of Christianity. | 3. Instrumental Conditioning |
| 19. Animals exhibited conditioned responses when they heard a bell. | 4. Social Learning Theory |
| 20. A child learns to bang on the table to get attention. | 5. The Law of Readiness |

SECTION B

ANSWER QUESTION 1 AND ANY TWO QUESTIONS THE FOUR QUESTIONS IN THIS SECTION.

- 1) By using five examples, discuss how the knowledge of educational psychology will be useful to you as a teacher. (30 marks)
- 2) Describe Kohlberg's stages of moral development and discuss the educational implication of this moral development theory. (25 marks)
- 3) A) Describe six principles of the Operant Conditioning theory of learning. (18)
B) What is the importance of this theory for classroom practice? (7)
4. a) What are the key differences in the thinking of 2 to 7 year olds, 7 to 10 year olds, and 11 year olds and older of which you should be aware of as a teacher? (18)
b) Give eight points on the implications of Piaget's theory for teaching students of different ages. (7)