

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF PUBLIC HEALTH

PUHE 371: BEHAVIORAL SCIENCE

STREAMS: PUHE (Y3S1)

TIME: 2 HOURS

DAY/DATE: TUESDAY 19/12/2023

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS

1. Do not write anything on the question paper.
2. Mobile phones and any other reference materials are NOT allowed in the examination room.
3. The paper has three sections. Answer ALL questions in Sections I and II and ONE question in section III.
4. All your answers for Section I (MCQs) should be on one page.
5. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.
6. Write your answers legibly and use your time wisely

SECTION ONE (Answer ALL QUESTIONS) (TICK CORRECT ANSWERS) (20

MARKS)

1. What are two key planks of Bandura's (1986) 'social cognitive theory' (SCT)?

- A. Observational learning and self-efficacy
- B. Self-efficacy, overt reinforcement
- C. Observational learning and overt reinforcement
- D. Self-efficacy and social learning

2. Development is a function of the interaction between

- A. Chronology, learning and experience
- B. Learning, chronology and experience
- C. Experience, chronology and maturation

D. Experience, learning and maturation

3. Traits are defined as

- A. Physical characteristics that distinguish us from other people
- B. Relatively enduring characteristics that influence our behaviour across many situations
- C. Unconscious tendencies to act in different ways according to the situation
- D. Permanent personality tendencies that determine our behaviour in any situation

4. The best way to deal with verbal abuse is to

- A. Listening intently
- B. Acknowledging their story
- C. Letting the anger run its course
- D. Doing a perception check

5. Taken together, the health-related beliefs, knowledge, and practices of a cultural group are

- A. Biocultural adaptation
- B. Cosmopolitan medicine.
- C. An ethnomedical system.
- D. A biomedical model.

6. Behaviour analysis is based upon the principles of

- A. Classical conditioning
- B. Operant conditioning
- C. Dream analysis
- D. All the above

7. A mother scolds her son when he hits his little sister. The son stops hitting the sister. This change in the child's behaviour is as a result of

- A. Punishment
- B. Negative reinforcement
- C. Positive reinforcement
- D. Shaping

8. Which social determinant is the strongest predictor of health?

- A. Tobacco use
- B. Diet
- C. Income

- D. Access to a health care provider
9. The four major principles of medical ethics are:
- A. Autonomy, beneficence, non-maleficence and justice
 - B. Privacy, autonomy, beneficence and justice
 - C. Autonomy, beneficence, universality and justice
 - D. Autonomy, beneficence, non-maleficence and morality
10. The _____ complex is to girls as the _____ complex is to boys.
- A. Electra, Oedipus
 - B. Oedipus, Electra
 - C. Oral, Phallic
 - D. Phallic, Oral
11. The aim of behavioural genetics is to learn about:
- A. the extent to which geneticists can modify people's behaviour
 - B. the possibility of eradicating behavioural problems in children
 - C. the genetic and environmental influences on human behaviour
 - D. the ability of animals to learn language
12. Which of the following statements about the living will is FALSE?
- A. It is a legally binding document
 - B. Only the terminally ill can write one
 - C. The individual must be in a clear state of mind when writing it
 - D. The document contains the individual's wishes regarding medical treatment
13. At which age would a child be categorized as preoperational according to Piaget?
- A. 11+ years
 - B. 6-9 months
 - C. 2-7 years
 - D. 0-2 years
14. Tiba is a final year Public Health student. He is jealous of his friend Raha's success but he is unaware of his feelings. Which type of defense mechanism is this?
- A. Dissociation
 - B. Denial

- C. Repression
- D. Intellectualization

15. EI (Emotional Intelligence) is

- A Ability of the individual
- B Ability to recognize owns and others emotions and to put them under control
- C Motives
- D Expression of emotions

16. At which of Erickson's (1959) stages is the conflict of identity versus role confusion prominent?

- A. Mid-childhood
- B. Late childhood
- C. Adolescence
- D. Early adulthood

17. _____ is the integrated system of learned behavior patterns.

- A. Culture
- B. Group
- C. Institution
- D. Society

18. Ethics are

- A. Rationalization of why something is good or bad
- B. It involves analysing why one action is right and another is wrong.
- C. Attitudes
- D. Beliefs

19. At what stage does hypothetical deductive reasoning develop?

- A. Pre-operational stage
- B. Formal operational stage
- C. Concrete operational stage
- D. Sensori-motor stage

20. Which parental factors can have detrimental effect on a foetus?

- A. Substance abuse
- B. Poor diet

- C. Exposure to pollutants
- D. All the above

(20 marks)

SECTION TWO (Answer ALL QUESTIONS) (30 marks)

- 1. Define the following terms **(5 marks)**
 - a) Ethnomedicine
 - b) Illness
 - c) Disability
 - d) Behavioral science
 - e) Culture
 - 2. Briefly explain the stages of dying as put forth by Kubler-Ross. **(5 marks)**
 - 3. Elucidate the constructs of the Transtheoretical Model and Stages of Change Model. **(10 marks)**
 - 4. Citing examples briefly explain any five defense mechanisms. **(5 marks)**
 - 5. List five influences of human development. **(5 marks)**
- (30 marks)**

SECTION THREE (Answer ONLY ONE QUESTION) (20 marks)

- 1. Discuss how the Maslow's Hierarchy of Needs impacts on an individual's as well as the public's health and wellbeing. **(20 marks)**
 - 2. Critically discuss the Cognitive Development Theory of Piaget and its influence on health. **(20 marks)**
- (20 marks)**
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