



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF BACHELOR OF PUBLIC HEALTH

SECOND SEMESTER, 2021/2022
(FEBRUARY - JUNE, 2022)

PHES 102: BEHAVIOURAL SCIENCES

STREAM: Y1 S2

TIME: 3 HOURS

DAY: MONDAY, 9:00 – 12:00 P.M.

DATE: 09/05/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer all questions in section A and B***
- 3. Answer TWO questions in section C.***

SECTION A: MULTIPLE CHOICE QUESTIONS [20 MARKS]

Instructions

*Answer **ALL** Questions*

- Name the theory of behavior change that suggests stimulus-Response associations in training desired behavior.
 - Instrumental conditioning
 - Respondent conditioning
 - Chance conditioning
 - S-R model conditioning
- Which one of the following psychological principles best explains a patient's relapse into unhealthy behaviors?

- a) Conditioned response (CR)
 - b) Acquisition
 - c) Extinction
 - d) Spontaneous Recovery
3. Which one of the following Groups of changing norms and beliefs bares the most potent danger to public health?
- (i) Hairstyles and clothing styles
 - (ii) Abortion
 - (iii) Birth control
 - (iv) Contraceptives use
 - (v) Divorce and extra-marital affairs
- a) (ii) (v)
 - b) (i) (ii) (v)
 - c) (v) (iii) (i)
 - d) (ii) (iv) (iii)
4. Applied medical Anthropology operates under the following realms except
- a) Mainstream society population
 - b) Explanatory models of illnesses
 - c) Eclectic methodology
 - d) Political economy of health
5. Which one of the following Psychopathologies is NOT a culture bound syndrome?
- a) Hwabyung
 - b) Ethopraxia
 - c) Anorexia nervosa
 - d) Ebola
6. A public Health officer wishes to study Medical Anthropology. Which one of the following areas will be least helpful?
- a) Early psychiatry
 - b) Ethnographic of primitive medicine
 - c) Ecological perspectives

- d) Cultural encapsulation
7. Identify the most relevant derivative implication of the conflict theory to public Health.
- a) Healthcare system is generated
 - b) Inequalities in Healthcare is a product of capitalism
 - c) Inequalities in Healthcare is a product of negotiation and adjustment
 - d) Inequalities in Healthcare are due to Patient's understanding.
8. 'A subjective interpretation of problem' perceived as health-related. This refers to;
- a) Disease
 - b) Sickness
 - c) Emotional disturbance
 - d) Illness
9. Which one of the following is an aspect of primary reinforcement?
- a) Giving praises and trophies
 - b) Assigning a nurse for night duty
 - c) Provision of water, food and sex
 - d) A four for public Health officers
- 10 . A Public Health Officer submitted a report on the "status of Health in country Hospitals" late than was required. He explained the Boss that there was a power blackout. To which Psychological Principle can we ascribe this behavior?
- a) Escape conditioning
 - b) Avoidance conditioning
 - c) Law of effect
 - d) The law of readiness
11. Which one of the following expressions does **NOT** accurately present instrumental conditioning as a principle of behavior change?
- a) Issue rewards and incentives
 - b) Isolate clients in wards
 - c) Behavior change communicator ought to be warm and friendly

d) Individuals take active role in own behavior change

12. Identify a Psychopathology that does **NOT** belong to the Group of culture bound syndrome.

- a) Anorexia nervosa
- b) Anthropomorphic super naturals
- c) Ethopraxia
- d) Hwa-Byung

13. The following are major concerns of Ethno medicine. Which one is **NOT**?

- a) Ethno-etiology
- b) Calendrical rites
- c) Cross-cultural study of health systems
- d) Ethno -botanical studies

14. A client in a behavior change training expressed enthusiasm and a firm belief in his own ability to change. Identify the cognitive construct that best illustrates the client's endeavor.

- a) Positive attitude
- b) Motivated behavior
- c) Self-determination
- d) Self -efficacy

15. A member of Public Health Students' Alumni Association obtained a PhD Degree that earned him a job as a lecturer. What is the sociologically appropriate name for his new status?

- a) Ascribed status
- b) High class status
- c) Achieved status
- d) Lecturer's class

16. Which one of the following social inequalities has a significant influence on social stigma?

- a) Caste system
- b) Estates

- c) Slavery
 - d) capitalism
17. Which one of the following theories foresees a revolution in Healthcare provision through 'class consciousness'?
- a) Symbolic interactionism
 - b) Conflict
 - c) Structural functionalism
 - d) Feminism
18. A state of identity crisis where adolescents have no clear commitments is;
- a) Identity foreclosure
 - b) Identity diffusion
 - c) Identity moratorium
 - d) Identity achievement
19. Little Tom's unconscious desire to take his mother is most likely to result into;
- a) Eliminating the father
 - b) Penis envy
 - c) Oedipus complex
 - d) Castration anxiety
20. Despite leading a relatively comfortable life, a mature patient in ward 9 feels worthless, bitter and depressed. Identify the psycho-social stage that best explains his condition.
- a) Integrity Vs despair
 - b) Generativity Vs stagnation
 - c) Generativity Vs despair
 - d) Integrity Vs depression

SECTION B - Short Answer Questions [40 MARKS]

Answer **ALL** Questions

1. Name three theories that explain resistance to attitude change.(3 marks)
2. State three theoretical approaches to ethnographical Health system
(3marks)
3. Study four functions of applied medical Anthropology (4marks)
4. Identify three types of ethno- medical systems (3 marks)
5. State four scientific bases for traditional medicine (8marks)
6. List five factors that may influence positive attitude to behavior change.
(5marks)
7. State four assumptions of structural functionalism as a theory of
behavior change (4marks)
8. State five teaching points for adolescents' behavior change (5 marks)
9. List three distinctive features of the ID as a basic instinctual force.
(3marks)
10. State two ethical values of research in Public Health. (2 marks)

SECTION C. ESSAY QUESTIONS [40 MARKS]

*Answer **TWO** questions only.*

- a) State the distinction between cultural Ethnocentrism and cultural.
(2 marks)
 - b) Explain six implications of cultural rituals for community members' health.
(6 marks)
 - c) Discuss cultural practices that prevent the success of health care provision in contemporary Kenya.
(12marks)
2. a) Describe six aspects of Ethno medicine. (6 marks)
- b) Discuss the implication of the trans-theoretical model for behavior change communication. (12 marks)

3. Karl Max's Theory stated that the society is a struggle between the *Bourgeoisie* and the *Proletariat*. Discuss the relevance of this view point in regard to cotemporary healthcare provision in Kenya. (20marks)