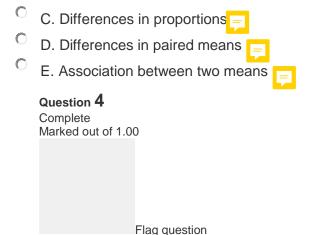
Which of the following is NOT a construct of the Health Belief Model? Select one: A. Benefits minus barriers B. Cue to action C. Perceived threat D. Health status E. Self-efficacy Question 2 Complete Marked out of 1.00 Flag question Question text The following approaches are applied in the abandonment of female genital mutilation EXCEPT: Select one: A. Address the myths and fears around non-circumcision B. Sole focus on the circumcisers to stop the practice C. Take into account the cultural relevance/meaning D. Focus on gender dimensions and decision-making processes E. Use examples of communities that have changed- to show the possibilities Question 3 Complete Marked out of 1.00 Flag question Question text The Chi-square statistic is useful for testing for: Select one: A. Association between categorical variables B. Differences in independent means



### Question text

In a study to determine whether tonsillectomy is associated with Hodgkin's disease, the estimated relative risk for those with prior tonsillectomy compared to those who had not had a tonsillectomy was found to be 1.9. From this we can conclude:

### Select one:

- A. Tonsillectomy should not be performed because it increases the risk of Hodgkin's disease
- B. The case fatality rate is higher among patients who have had a prior tonsillectomy
- C. Tonsillectomy appears to protect against the development of Hodgkin's disease
- (D. The incidence of Hodgkin's disease is higher among those who have had a prior (tonsillectomy)
- E. Tonsillectomy is causal for Hodgkin's disease

## Question 5 Complete Marked out of 1.00 Flag question

### Question text

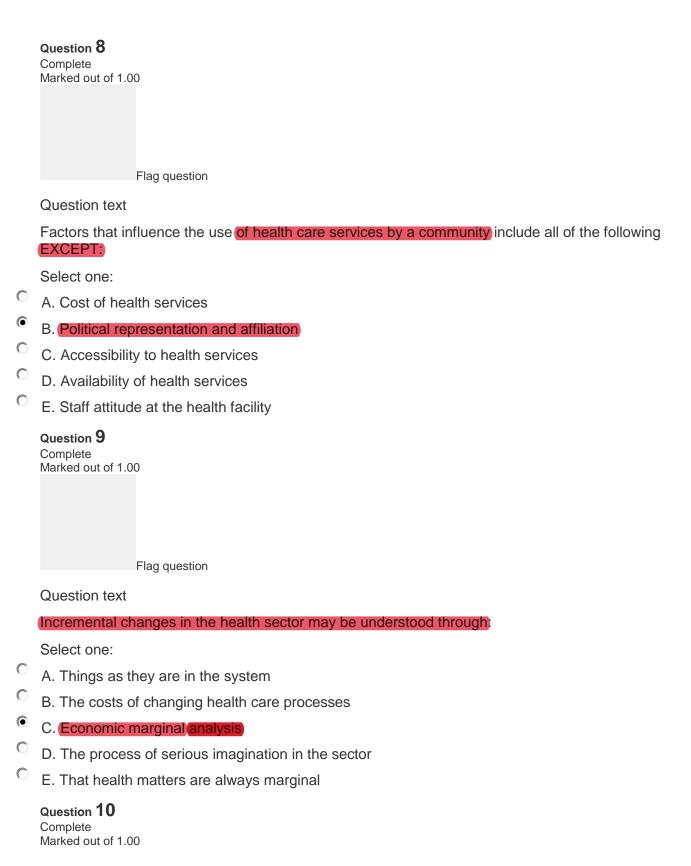
Price elasticity of demand refers to

### Select one:

- A. Settlement of price in the haggling process
- B. Lapse of time before price changes are realised
- C. Responsiveness of demand to changes in price
- D. Range of possible prices in the market

© E. Price responsiveness to changes in demand Question 6 Complete Marked out of 1.00 Flag question Question text Which of the following statements is **NOT** true? Select one: A. Screening tests are directed at the population without disease B. Diagnostic tests are used to confirm established disease C. It is worthwhile to only screen for diseases for which there is an effective intervention D. Case finding is used to identify cases with established disease previously known to health E. Screening is useful for detecting the early stage/precursors of disease Question 7 Complete Marked out of 1.00 Flag question Question text Which of the following statements is FALSE? Select one: A. The sampling distribution of a proportion is centered over the value of the population proportion B. The sampling variation of a proportion is described by its standard error C. The Z-test for proportions assumes that the difference between two proportions has approximately a normal distribution D. If a confidence interval for the difference between two proportions includes zero then the difference is assumed to be true in the population

E. The standard error of a proportion is computed using an estimated value of the proportion p



Flag question Question text Which one of the following is NOT a rationale for selection of risk factors for surveillance of Non-Communicable diseases? Select one: A. Meaningful comparisons possible B. Measurement can be obtained following ethical standards C. Greatest impact on NCD mortality and morbidity D. Validated means of measurement E. (Modifiable by tertiary intervention) Question 11 Complete Marked out of 1.00 Flag question Question text A communicable disease is all of the following EXCEPT? Select one: A. Agent is in reservoir B. Agent enters the reservoir C. Transmission of agent occurs to a susceptible host D. Agent interacts with host E. Due to specific agent Question 12 Complete Marked out of 1.00

Flag question

	Question text
	Which of the following statements is FALSE?
	Select one:
•	A. The alternative hypothesis is based on the prior knowledge we have about possible values of
0	(a parameter)
	B. A confidence interval is a pair of numerical values defining an interval with which a specified degree of confidence encloses the parameter being estimated
0	C. The power of a study is affected by the sample size
0	D. In hypothesis testing we specify that we will reject a certain hypothesis only if there is a 5% or less chance that it is true
0	E. The null value is the expected or natural value of a statistic
	Question 13 Complete Marked out of 1.00  Flag question
	Question text
	Identify the correct definition of a disease vector
	(Select) one:
O	A. A bacterial infection
0	B. A viral infection
0	C. A protozoal infection
•	D. An organism that transmits disease causing pathogens
0	E. A fungal infection

### Question 14

Complete Marked out of 1.00

Flag question

### Question text

Within the school setting, the team member whose role is to ensure the school health programme has the support and approval of the administrative authority is the

	Select one:
0	A. Science teacher
	B. Nurse
0	C. Parent
•	(D. Principal)
0	E. Community
	Question 15 Complete Marked out of 1.00  Flag question
	Question text
	Which of the following best describes the definition of environmental toxicology?
	Select one:
0	A. The study of adverse effects of physical agents in the surrounding
0	B. The study of adverse effects of poisons in plants
•	C. The study of adverse effects of chemical agents in the surrounding
0	D. The study of adverse effects of chemicals or physical agents found in the environment of living organisms
0	E. The study of adverse effects of poisons in animals
	Question 16 Complete Marked out of 1.00  Flag question
	Question text
	Use of inputs to produce care for the largest number of people who need it refers to:
	Select one:
•	A. Allocative efficiency in delivery of health care
0	B. Selection and location of the services to be produced

C. Selection of how and which services are to be provided

- D. Technical efficiency in delivery of health care
- E. Selection of who to produce and where the services are to be produced

### Question 17

Complete
Marked out of 1.00

Flag question

### Question text

The following are some of the knowledge we currently know about COVID-19. Which statement is FALSE?

### Select one:

- A. There is currently no evidence suggesting that it can be transmitted by persons who are asymptomatic
- B. Patients with severe disease require critical care (ICU) and respiratory support using ventilators
- C. All segments of the population irrespective of age, gender and race are susceptible to COVID-19 infection
- D. COVID-19 infection is easily transmissible from person to person
- E. 80% of COVID-19 infected patients experience mild to moderate symptoms and recover while 15% suffer acute disease and require hospitalisation

### Question 18

Complete Marked out of 1.00

Flag question

### Question text

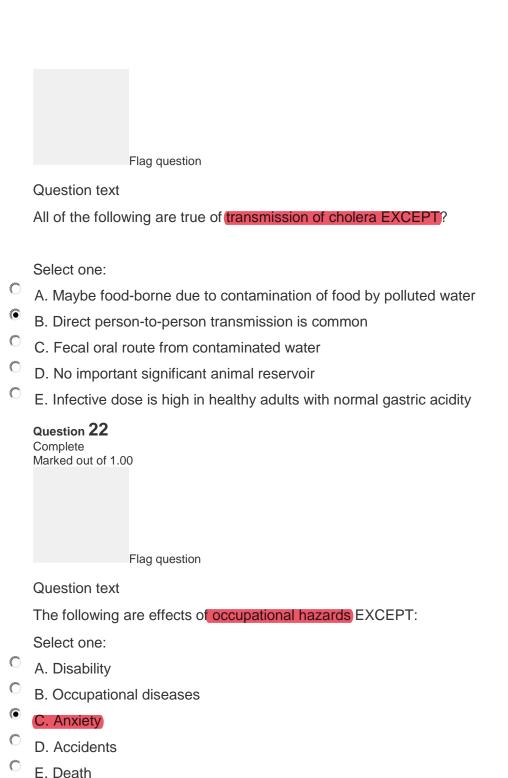
Indicate the method insect vectors are NOT known to transmit diseases:

### Select one:

- A. Crushing the insect against the skin
- B. Vomits from the vector
- C. (Air pollution by the vector)
- D. Feces from the vector

E. A bite by the vector Question 19 Complete Marked out of 1.00 Flag question Question text If two samples can be assumed to come from one single population with a single variance, then the respective means can be tested using: Select one: A. The paired t-test B. The Z test C. The Chi-square statistic D. The Welch t-test E. The unpaired t-test Question 20 Complete Marked out of 1.00 Flag question Question text The following statements are appropriate for a null hypothesis, EXCEPT: Select one: A. Babies born in KNH have the same mean birth weight with those born in Pumwani B. There is no difference in blood pressure between males and females C. Girls are brighter than boys D. All the above are appropriate 0 E. Ugandans and Kenyans have equal earning capacity Question 21 Complete

Marked out of 1.00



Question 23
Complete

Marked out of 1.00



### Question text

A case-control study of estrogen use and uterine cancer showed an attributable fraction of 60%. Assuming the relationship between estrogen use and uterine cancer is causal, this suggests that:

### Select one:

- A. 60% of uterine cancers can be prevented in the population if they had not used estrogen
- B. 60% of women who use estrogen will develop uterine cancer
- C. 60% of all uterine cancers can be attributed to estrogen use
- D. The proportion of cases that had used estrogen is 60%
- (E. 60% of uterine cancers in estrogen users could potentially have been prevented if they had (not used estrogen)

### Question 24

Complete Marked out of 1.00

Flag question

### Question text

Which among the following diseases is an internationally notifiable disease?

### Select one:

- A. Common cold
- B. Yellow fever
- C. Bilharzia
- <sup>©</sup> D. Malaria
- E. Typhoid

### Question 25

Complete Marked out of 1.00

Flag question Question text Which one of the following classes of fire involves energized electrical equipment? Select one: A. Class C B. Class D C. Class E D. Class A E. Class B Question 26 Complete Marked out of 1.00 Flag question Question text The nutritional status indicator for assessing chronic malnutrition is: Select one: A. Weight-for-height B. Body Mass Index C. Weight-for-age D. Height-for-Weight E. Height-for-age Question 27 Complete Marked out of 1.00 Flag question

### Question text

Which of the following activities is NOT done during the planning and strategy selection stage in Health Communication?

Select one:

- A. Assess the effectiveness
- B. Determine target audience
- C. Gather new data
- D. Review available data and identify existing gaps
- E. Assess resources

### Question 28

Complete Marked out of 1.00

Flag question

### Question text

One of the following is not classified as an insect vector of medical importance

Select one:

- A. Ant
- C B. Flea
- C. Mosquito
- D. Housefly
- E. Simulium

### Question 29

Complete Marked out of 1.00

Flag question

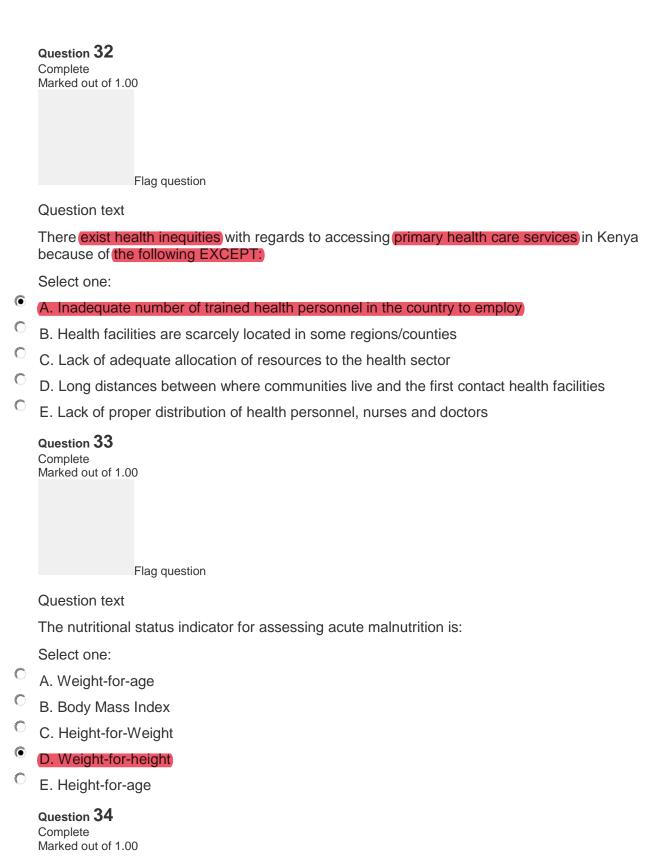
### Question text

Armstrong's performance management cycle includes the following steps

Select one:

A. Act, plan, review, track

B. Plan, track, act, review C. Review, plan, act, track D. Plan, act, track, review E. Track, plan, review, act Question 30 Complete Marked out of 1.00 Flag question Question text Factors that affect care seeking behaviour at the community level include the following EXCEPT Select one: A. Awareness and recognition of signs and symptoms B. Myths about specific services C. Cultural beliefs, stigma and the perception of the various conditions 0 D. Mix of services; including actual availability, physical and social accessibility of services E. Sophistication of the laboratory and surgery equipment Question 31 Complete Marked out of 1.00 Flag question Question text The sixth United Nations Process Indicator on maternal mortality answers the question: Select one: A. Does the quality of service in the facilities meet national standards? B. Does the quality of service in the facilities meet international standards? C. Are the facilities adequately staffed with midwifes? D. Are the facilities adequately supplied with essential medicines? E. Can the facilities save a woman's life?



Flag question Question text One of the following is **NOT correct about** food and nutrition Select one: A. Availability and market systems B. Biocultural diversity C. Nutrition value does not necessarily determine palatability D. Community may not always be aware of nutrition value of foods available to them E. All that is edible is food Question 35 Complete Marked out of 1.00 Flag question Question text

Researchers in country X enrolled 41,837 women and collected exposure and lifestyle information to assess the relationship between these factors and subsequent occurrence of cancer. This is an example of which type of study?

### Select one:

A. Cross sectional

B. Descriptive study

C. Case series

D. Case control

E. Cohort

### Question 36

Complete Marked out of 1.00 Flag question

Question text

The range of the score is:

Select one:

A. -3 to +3

B. -1 to +1

C. 0 to  $\infty$ D. - $\infty$  to + $\infty$ E. 0 to 1

Question 37

Complete

Marked out of 1.00

Question text

Pick the most correct answer among the following;

Flag question

Select one:

- A. Environmental health is the science/ art that deal with the rehabilitative health services in the population
- (B. Environmental health is the science/ art that deals with factors in the environment geared (towards prevention of diseases in the population)
- C. Environmental health is the science/ art that deal with the curative services in the population
- D. Environmental health is the science/ art that deal with the promotion of health in the population
- © E. Environmental health is the science/ art that deal with the reconstructive services in the population

### Question 38

Complete Marked out of 1.00

Flag question Question text Pick the correct law to apply in enforcing the prevention and adulteration of food Select one: A. Food, Drugs and Chemical substances (Chapter 252) B. Physical planning law C. Occupational and Safety law D. Public Health Act (Cap 242) E. Environmental law Question 39 Complete Marked out of 1.00 Flag question Question text Which of the following is a nutrition specific intervention? Select one: A. Iron-folic acid supplementation for pregnant women B. Nutrition surveillance C. Nutrition education D. Maternal and child care interventions E. Access to health care services Question 40 Complete Marked out of 1.00 Flag question

Question text
Relationship between a risk factor and a disease outcome is describe as NECESSARY, NOT SUFFICIENT, when
Select one:
A. Without the factor, disease never develops, in the presence of the factor, disease always develops
B. One factor alone can cause disease, but other factors acting alone can cause disease to
C. Multiple factors are needed to cause the disease outcome, no individual risk factor is sufficien
D. A factor by itself is neither sufficient, nor nece ry to produce disease outcome
E. None of the above is applicable
Question 41 Complete Marked out of 1.00
Flag question
Question text

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Which of the following distributions can be used to capture the incidence rate of malaria in a community?

### Select one:

- A. Poisson distribution
- B. Binomial distribution
- C. Hypergeometric distribution
- D. Multinomial distribution
- E. Normal distribution

### Question 42

Complete Marked out of 1.00

Flag question

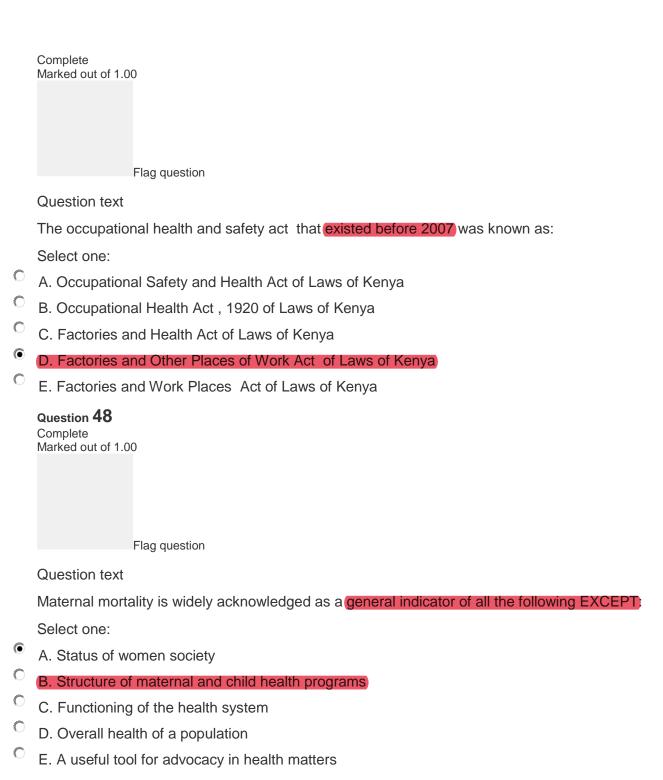
### Question text

The following are all characteristics of the prevalence of a disease EXCEPT?

	Select one:
0	A. It includes all of the existing cases of disease in a community
0	B. It may be used to signal causal relationships
•	C. It is always measured over time
0	D. It depends on the duration of the disease process
0	E. It can be used to determine the health care needs of a community
	Question 43 Complete Marked out of 1.00  Flag question
	Question text
	According to Occupational Safety and Health Act 2007 of laws of Kenya the following are employees' responsibilities EXCEPT:
	Select one:
0	A. Report injury
0	B. Ensure safety for self
•	(C. Conduct inspection)
0	D. Wear protective equipment
0	E. Report accidents
	Question 44 Complete Marked out of 1.00
	Flag question
	Question text
	In the investigation of an epidemic of a fatal disease such as SARS, the most appropriate measure to describe the frequency of death from the disease is:
	Select one:
0	A. Attack rate

(B. Case fatality rate)

0	C. Prevalence
0	D. Mortality rate
0	E. Incidence rate
	Question 45 Complete Marked out of 1.00
	Flag question
	Question text
	The purpose of Community Nutrition assessment is NOT to:
	Select one:
0	A. Establish the impact of a nutrition program
0	B. Monitor trends in nutrition situation over time
•	C. To register all households with children under five in the community
0	D. Determine the nature and magnitude of a nutritional problem
0	E. Identify individuals at risk of malnutrition
	Question 46 Complete Marked out of 1.00
	Flag question
	Question text
	The following are some of the hazard identification methods at work place EXCEPT:
	Select one:
•	A. Medical education
0	B. Inspection
	C. Time of inspection
0	D. Investigation
0	E. Accidents
	Question 47



Question 49
Complete

Marked out of 1.00

Flag question Question text Which of the following is NOT true of the sensitivity of a test? Select one: A. It is a measure of test validity B. It is the ability of the test to detect a diseased individual C. It is the proportion of diseased individuals that test positive D. It is affected by false negatives E. It is the probability of disease given a positive test result Question 50 Complete Marked out of 1.00 Flag question Question text All of the following are true of plague EXCEPT Select one: A. Is epizootic in domestic rodents B. The sewer rat is the prime originator C. Fever and adenitis is suggestive D. Quarantine is recommended for all forms of the disease E. Is enzootic in wild rodents Question 51 Complete Marked out of 1.00

Flag question

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	Question text
	Which of the following is NOT a component of Primary Health Care?
	Select one:
0	A. Prevention and control of locally endemic diseases
•	B. Treatment of complex medical conditions and injuries
0	C. Adequate supply of safe water, and basic sanitation
0	D. Promotion of mental, health and Provision of essential drugs
0	E. Promotion of food supply and proper nutrition
	Question 52 Complete Marked out of 1.00  Flag question
	Question text
	Which one of the following is NOT a recommended method of refuse disposal?
	Select one:
0	A. Salvaging
0	B. Composting
О	C. Incineration
•	D. Dumping into water bodies/ environment
0	E. Controlled tipping
	Question 53 Complete Marked out of 1.00  Flag question
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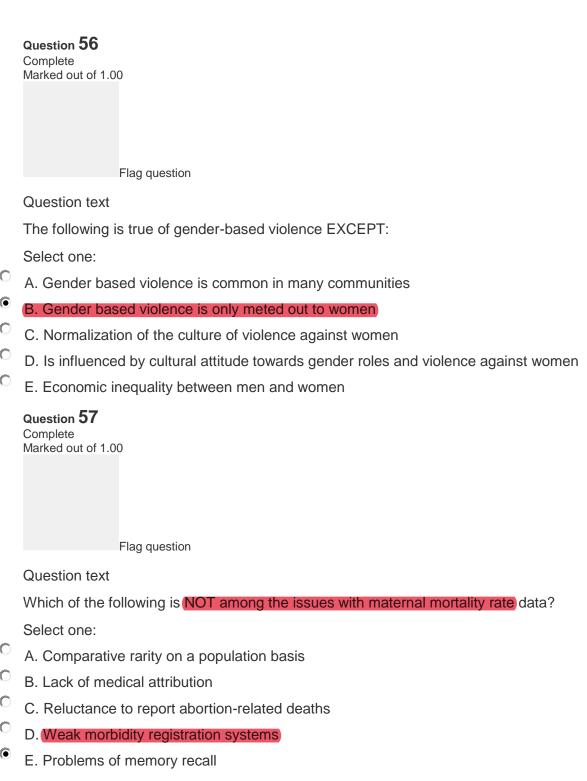
Question text

Which of the following is NOT considered a benefit of Health Education for an individual patient or client?

Select one:

A. Promoting recovery and improved function

•	B. (Compliance with regulatory standards)
0	C. Increasing patient confidence in his or her self-care
0	D. Increasing the ability to cope and manage health
0	E. Increasing patients' potential to follow a health care plan
	Question 54 Complete Marked out of 1.00  Flag question
	Question text
	The main advantage of nutritional biochemical assessment method is:
	Select one:
0	A. The biochemical tests are not very expensive;
0	B. There is no need for special arrangements for transportation of samples;
0	C. It does not need a highly trained personnel;
•	D. It provides early detection of potential nutrient-related problem.
0	E. The samples collected can be stored anywhere;
	Question 55 Complete Marked out of 1.00
	Flag question
	Flag question  Question text
	Question text
0	Question text  Probity in medical legal aspects refers to:
0	Question text  Probity in medical legal aspects refers to:  Select one:
0	Question text  Probity in medical legal aspects refers to:  Select one:  A. Ensuring confidentiality for all patients
0	Question text  Probity in medical legal aspects refers to:  Select one:  A. Ensuring confidentiality for all patients  B. Proper record keeping



### ${\tt Question}~58$

Complete
Marked out of 1.00

Flag question Question text All of the following are true of biological transmission by vectors EXCEPT? Select one: A. There is an extrinsic incubation period B. Has implications for disease prevalence and control measures C. An interval of time elapses before the parasite can be transmitted to the vector D. An essential part of the life-cycle of the parasite takes place in the vector E. Temperature is essential for survival of the vector Question 59 Complete Marked out of 1.00 Flag question Question text The following may influence the distribution of health care commodities in the public sector **EXCEPT:** Select one: A. Supply chain education B. Profit margins C. Forecasting D. Demand E. Product life cycle Question **60** Complete Marked out of 1.00 Flag question

# Question text The holistic approach in community health constitutes the following EXCEPT: Select one: A. Recognizing that culture is not amenable to change B. Influence of external factors C. Taking into account the Interaction with the physical environment D. Influence of culture E. Considering the social environment Question 61 Complete Marked out of 1.00

### Question text

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What approach to Health Education is applied when the government provides health facilities and services to the population based on felt need?

### Select one:

- A. Regulatory approach
- B. Administrative approach)

Flag question

- C. Legal approach
- D. Educational approach
- E. Legal approach

### Question **62**Complete Marked out of 1.00

Flag question

### Question text

A researcher chooses to use the following procedure to test a certain hypothesis: She flips a fair coin and if it lands heads, she rejects the null hypothesis; otherwise she won't reject the null hypothesis. What is the probability of type I error?

### Select one: A. 50% B. 95% C. 10% D. 20% E. 5% Question 63 Complete Marked out of 1.00 Flag question Question text A researcher is interested in knowing (how many new cases of measles developed) at St. Theresa's Elementary School in April 2001. Assuming that no children enrolled during that month, and no children moved during that month (all children were followed) for the entire month), which measure of morbidity would be most appropriate in answering this question? Select one: A. Cumulative incidenc B. Point prevalence C. Prevalence D. Secondary attack rate 0 E. (Incidence densit Question 64 Complete Marked out of 1.00 Flag question Question text In the investigation of an epidemic the most appropriate measure to describe the frequency of occurrence of an illness is?

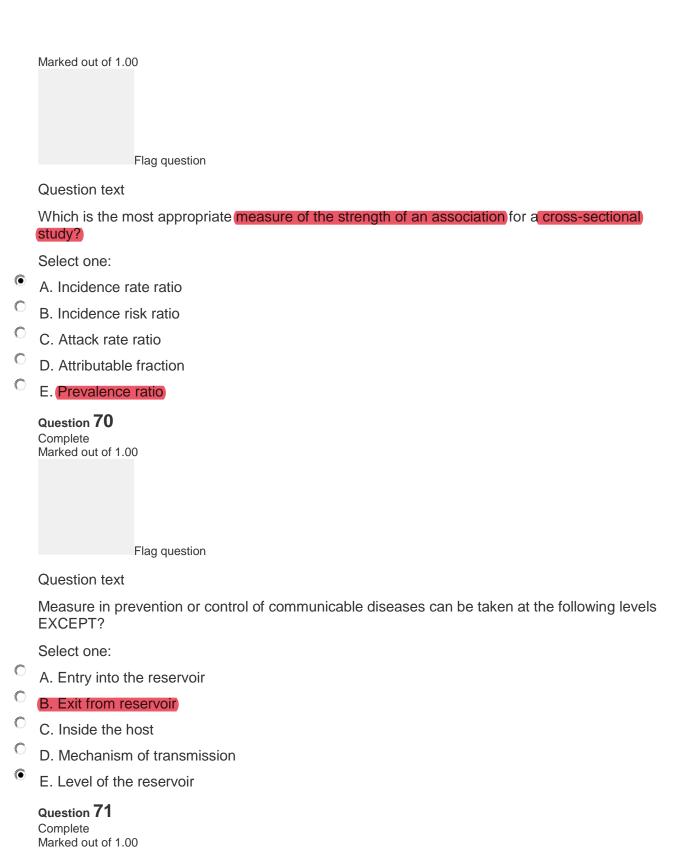
Select one:

A. Prevalence

O	B. Secondary attack rate
0	C. Case fatality rate
0	D. Attack rate
•	(E. Incidence rate)
	Question 65 Complete Marked out of 1.00  Flag question
	Question text
	Metabolic needs of individuals are determined by all the following EXCEPT?
	Select one:
0	A. Gender
•	(B. Height)
0	C. Age
0	D. Occupation
0	E. Health status
	Question 66 Complete Marked out of 1.00  Flag question
	Question text
	The following statements are true about (Primary Health Care EXCEPT):
0	Select one:
	A. It is technology made universally accessible services to individuals and their families
0	B. Mainly ensures excessive out of pocket expenditure for communities
	C. Cost that the community and country can afford to maintain, at every stage of their development
0	D. It is essential health care based on practical, scientifically sound and socially acceptable

methods

0	E. It encompasses full community participation
	Question 67 Complete Marked out of 1.00
	Flag question
	Question text
	Structural determinants of health include all, EXCEPT?
	Select one:
0	A. Macroeconomic policies
0	B. Culture and societal values
0	C. Governance in the broadest sense and its processes
•	D. Social class
0	E. Public policies in other relevant areas such as education, medical care, water and sanitation;
	Question 68 Complete Marked out of 1.00
	Flag question
	Question text
	In regard to Tobacco use, which one of the following is NOT true?
	Select one:
0	A. Positive reinforcement usually occurs during the early stages and is associated with pleasurable sensations
	B. After some individuals have smoked for many years, the avoidance of withdrawal symptoms and negative reinforcement become the key motivations
•	C. Smoking does not harm sperm quality in any way
0	D. Children and infants are especially vulnerable to the effects of secondhand smoking
0	E. Individual, group and telephone counseling are effective in tobacco cessation
	Question 69 Complete



Flag question Question text Zoonosis are all of the following **EXCEPT** Select one: A. Primarily infections of humans B. Primarily infections of vertebrates C. Can be transmitted to humans under certain circumstances D. Environmental conservation is risk a factor E. Humans often a dead end in transmission cycle Question 72 Complete Marked out of 1.00 Flag question Question text A system where marl and planned economy features exist side by side is classified as: Select one: A. Free and fair economy B. Capitalistic and free economy C. Communist and equality economy D. True peoples economy E. Mixed economy Question 73 Complete Marked out of 1.00 Flag question

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### Indices that are measured on populations are known as: Select one: A. Statistics B. Distributions C. Parameters D. Test statistics E. Sampling variation Question 74 Complete Marked out of 1.00 Flag question Question text The Kings Obesity Staging Criteria (KOSC) Select one: A. Allows a practical and simplified assessment of obesity-related complications and risk of mortality to minimize inter-operator variability B. Confers separate scores that can be tracked for each domain, allowing for a more holistic and specific assessment of treatment benefit C. Score 2 and 3 for each domain have increased all-cause mortality compared to stages 0 or 1 associated increase mortality rates D. Grades 12 aspects of obesity-related morbidity, indexed in alphabetical order to improve ease of use E. For each domain, a person's health is assigned a score of 0, 1, 2, 3 and 4 Question 75 Complete Marked out of 1.00

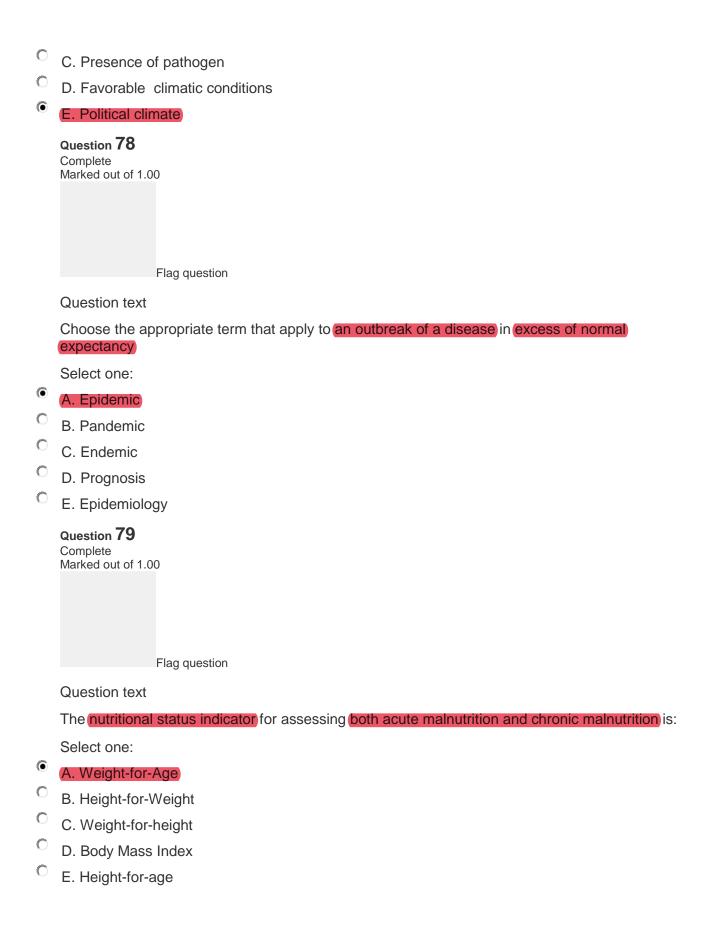
Question text

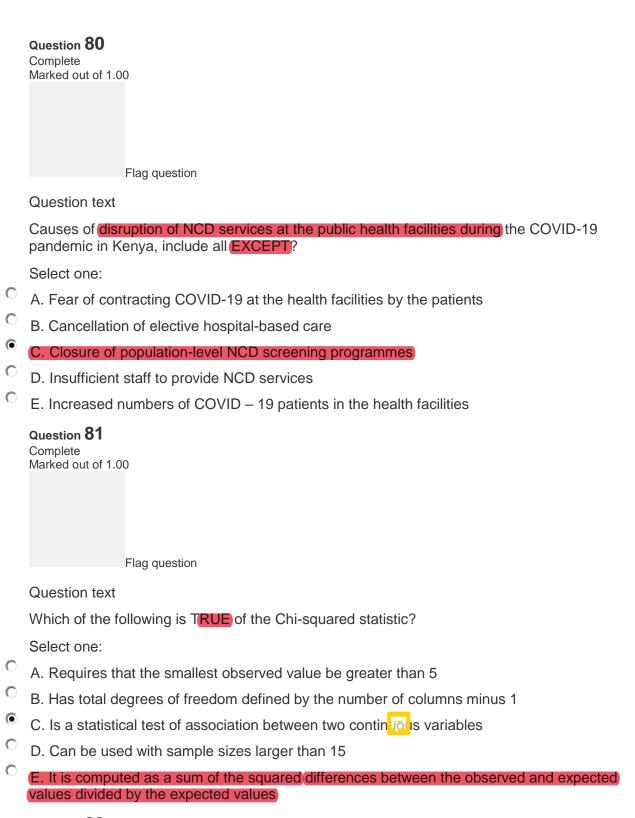
Question text

The following are WHO quality dimensions EXCEPT:

Flag question

	Select one:
0	A. Equity
0	B. Acceptability
•	C. Equality
0	D. Accessibility
0	E. Safety
	Question 76 Complete Marked out of 1.00
	Flag question
	Question text
	A researcher is interested in recording the frequency of individuals in a particular geographic region who have a common cold at some point during the month of February 2001. Which of the following measures of morbidity would be the most appropriate in answering this question?
	Select one:
0	A. Incidence rate
0	B. Period prevalence
•	C. Point prevalence
0	D. Cumulative incidence
0	E. Incidence density
	Question 77 Complete Marked out of 1.00
	Flag question
	Question text
	The following (is NOT an important factor in the spread of vector-borne) diseases;
	Select one:
0	A. Presence of vectors
0	B. Availability of food for the vector





### Question 82

Complete Marked out of 1.00

Flag question Question text Which one of the following is NOT a use of surveillance data? Select one: A. Contribute to policy making B. Identify extent of the health conditions C. Measure progress in primary prevention D. Mapping emerging patterns and trends of diseases E. Suitable option when on-going collection of data is impossible Question 83 Complete Marked out of 1.00 Flag question Question text Which of the following is **NOT** an advantage of anthropometry in assessment of nutrition status? Select one: A. Is suitable for assessment of micronutrient deficiency disorders B. Convenience C. Non-invasive D. Sensitivity to changes in nutritional status E. Use of relatively reliable equipment Question 84 Complete Marked out of 1.00 Flag question

# Question text Key functions of health information systems include all of the following EXCEPT: Select one: A. Data analysis and reporting B. Data use C. Data generation D. Technical implementation of the program E. Data management Question 85 Complete Marked out of 1.00

Flag question

### Question text

A study in which children are randomly assigned to receive either a newly formulated vaccine or the currently available vaccine, and are followed to monitor for side effects and effectiveness of each vaccine, is an example of which type of study?

### Select one:

A. Cohort study

B. Cross-sectional study

C. Case control study

D. Case-cohort study

E. Field trial)

# Question 86

Complete Marked out of 1.00

Flag question

### Question text

The following statements are true **EXCEPT** 

Select one:

0	A. Efficiency seeks to minimize resources and costs
•	B. Management entails getting things done, effectively and efficiently
0	C. Effectiveness means working towards attaining goals
0	D. Efficiency means doing things right, while effectiveness means doing the right things
0	E. Efficiency means doing the right things while effectiveness means doing things right
	Question 87 Complete Marked out of 1.00  Flag question
	Question text
	If after performing a student t-test for comparison of means, we obtain P = 0.0256, then:
	Select one:
0	A. We accept H <sub>0</sub>
0	B. We accept both H₀ and H₃
•	C. We reject H₀ and accept H₃
0	D. We cannot decide
0	E. We reject H <sub>a</sub>
	Question 88 Complete Marked out of 1.00
	Flag question
	Question text
	Some of the issues that may lead to medico-legal aspects in healthcare include
	Select one:
•	A. (Failure to give prompt attention to patient)
0	B. Incorrect diagnosis
0	C. Failure to give proper advice to the patient
О	D. Failure of the patient to present to the hospital in time

E. Making a mistake in the course of treatment Question 89 Complete Marked out of 1.00 Flag question Question text Which of the following statements is **UNTRUE** of the Z test for means? Select one: A. The Z test requires that the sample size being used is large B. The Z test assumes that the variable of interest is normally distributed C. The Z test assumes that observations are independent D. The Z test is useful for testing for differences between two independent means E. The Z test assumes equality of variances Question 90 Complete Marked out of 1.00 Flag question Question text The following are the characteristics of population(s) that experience Health Inequities in Kenya **EXCEPT:** Select one: A. Persons with economic and social power B. Persons living in poverty C. Women and children D. Persons with disabilities: physical, psychological etc E. Ethnic minorities Question 91 Complete Marked out of 1.00

Flag question Question text A health system reference to burden of disease implies measurement of: Select one: A. The number of medical personnel who are needed to treat the disease(s) B. The extent and negative effect on the population of the presence of the disease(s) C. The burden of the budget that the health system has to bear D. The weight that each sector in the economy carries from the disease E. The epidemiologic spread of the disease Question 92 Complete Marked out of 1.00 Flag question Question text Which of the following is NOT true about the mean? Select one: A. It is affected by outlier scores B. It is best used with ordinal data  $\circ$ C. The mean is not appropriate for asymmetrically distributed data D. It minimizes the sum of squared deviations E. The sum of the deviations about the mean is zero Question 93 Complete Marked out of 1.00

Flag question

### Question text

Which of the following variables is a binomial random variable?

Select one:

- A. The number of female patients taller than 150cm in a random sample of 5 women
- B. The number of lightning strikes in a month
- C. The number of textbooks a randomly selected medical student bought this semester
- D. The time it takes a randomly selected student to complete an exam
- E. The number of CDs a randomly selected person owns

### Question 94

Complete Marked out of 1.00

Flag question

### Question text

Health Promotion considers the Sustainable Development Goals (SDGs) as central to the multidisciplinary approach to promoting wellness. How many of the goals have a role in the social determinants of health?

### Select one:

- A. 2 of the 17 goals
- B. 10 of the 17 goals
- C. All the 17 goals
- D. Only 1 of the 17 goals
- E. 15 of the 17 goals

### Question 95

Complete Marked out of 1.00

Flag question

### Question text

Care practices that translate food and health services to good nutrition in children include all the following EXCEPT:

	Select one:
•	A. Cognitive stimulation for children
0	B. Access to basic health services
O	C. Complementary feeding
0	D. Hygiene practices
0	E. Early detection and treatment of infections
	Question 96 Complete Marked out of 1.00  Flag question
	Question text
	Equitable distribution of Primary Health Care services does NOT include the following concepts
	Select one:
0	A. Equity is the absence of avoidable differences among groups of people, whether those groups are defined socially, economically, demographically or geographically
	B. Unfairness and avoidable differences in health across the population, and between different groups within society
0	C. Equity means social justice or fairness; it is an ethical concept
0	D. Equity in health can be defined as the absence of socially unjust or unfair health disparities
•	E. Equity is the absence of systematic disparities in health between social groups who have different levels of underlying social advantage/disadvantage (social determinants of health
	Question 97 Complete Marked out of 1.00
	Flag question

### Question text

All the following risk factors in nutritional screening would raise an alarm for a more robust nutritional assessment exercise EXCEPT:

### Select one:

A. Serum albumin level of less than 3.5g/dl;

B. A history of illness. C. A history of unintentional weight loss of more than 4.5 kg; D. Weight less than 80% of ideal weight; E. Weight of 80% to 120% of ideal weight; Question 98 Complete Marked out of 1.00 Flag question Question text The Kenya Government has demonstrated a growing political commitment to scaling up nutrition activities through all the following gestures EXCEPT: Select one: A. Adoption of national breastfeeding Policy; B. Adoption of a cross-sectoral, integrated Food and Nutrition Security Policy; C. Implementation of the national "Big Four Agenda"; D. Enactment of the Referendum Bill, 2020 0 E. The 2010 Constitution Bill of Rights; Question 99 Complete Marked out of 1.00 Flag question Question text The following determines the health status of a community EXCEPT:

Select one:

A. Social status

B. Political influenceC. Transport systemD. Economic status

E. Place of origin Question 100 Complete Marked out of 1.00 Flag question Question text Effects of Iodine deficiency disorder includes all the following **EXCEPT:** Select one: A. Infant and child mortality B. Mental retardation C. Still-births D. Infertility in males E. Enlarged thyroid gland Question 101 Complete Marked out of 1.00 Flag question Question text The following are components of the World Health Organization building blocks EXCEPT: Select one: A. Commodity supplies B. Health care financing C. Community engagement D. Service delivery E. Leadership and Governance Question 102 Complete Marked out of 1.00

Flag question Question text Which of the following is the correct definition of occupational hygiene? Select one: A. This is the identification of chemical hazards in the environment B. This is the anticipation, recognition, evaluation, control and confirmation of protection from hazards at work that may result in injury, or illness or affect the well-being or workers C. This is the identification of biological hazards in the environment D. This is the identification of the psychological hazards in the environment E. This is the identification of the physical hazards in the environment Question 103 Complete Marked out of 1.00 Flag question Question text Which of the following services are expected to be provided at a level 2 health facility? Select one: A. Inpatient B. Intensive Care Unit C. HIV/TB clinic D. Maternity E. Main Theater Question 104 Complete Marked out of 1.00 Flag question

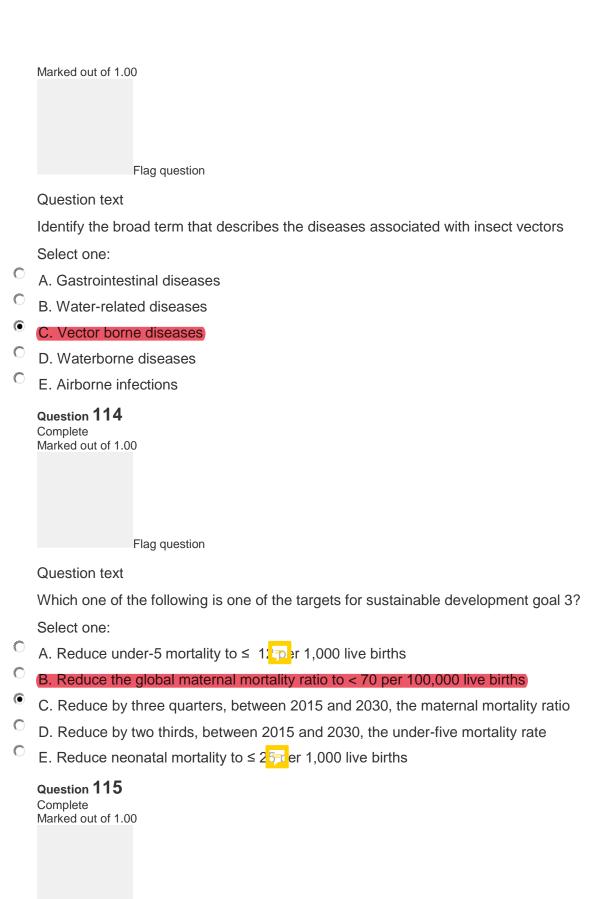
	Question text
	Immunity to malaria includes all of the following <b>EXCEPT:</b>
•	Select one:
	A. Parasites not completely eliminated from the circulation
0	B. Characterized by antigenic variation
0	C. Circulating antibodies offer some protection against the blood-borne forms
0	D. Antibody mediated
0	(E. Cell mediated)
	Question 105 Complete Marked out of 1.00  Flag question
	Question text
	Low dietary fat intake) is a nutritional risk factor for:
	Select one:
0	A. Micronutrient deficiency disorders
0	B. Iron deficiency disorder
0	C. Vitamin A deficiency disorder
•	D. Protein-energy malnutrition in children
0	E. Zinc deficiency disorder
	Question 106 Complete Marked out of 1.00  Flag question
	Question text
	QUOUTION TON
	Which of the following statements is CORRECT?

Select one:

•	A. Neonatal mortality rate is defined as deaths in children aged less than 28 days per 1,000 live
0	births in the same month
0	B. Maternal mortality does not affect infant health and survival
	C. Maternal mortality ratio is the number of maternal deaths during a given period of time per 100,000 live births during the same period
0	D. Under-5 mortality rate is defined as deaths in children up to 5 years of age per 1,000 children
	0 – 5 years in the population
0	E. Infant mortality rate is defined as deaths in children up to 2 years of age per 1,000 live births in the same year
	Question 107 Complete Marked out of 1.00  Flag question
	Question text
	Two major items of adverse selection that social health insurance plan has to pay for are:
	Select one:
0	
0	A. Army, police and uniformed groups
•	B. Overuse and misuse of health care
	C. The elderly and HIV/AIDS patients
0	D. The chronically ill and the very poor in society
О	E. Rural and young population
	Question 108 Complete Marked out of 1.00  Flag question
	Question text
	Which one among the following is NOT an element of Material Safety Data Sheets?
	Select one:
0	A. Product identification

B. Hazards identification C. Types of materials purchased D. Fire fighting measures E. Accidental release measures Question 109 Complete Marked out of 1.00 Flag question Question text Which of the following categories of nutrition interventions are recommended by WHO based on level of guidance and supporting evidence: Select one: A. Category 1 and 3 only B. Category 1 only C. Category 2 only D. Category 1 and 2 only E. Category 3 only Question 110 Complete Marked out of 1.00 Flag question Question text Health information systems can be applicable in the following **EXCEPT:** Select one: A. Case Control and Productivity Enhancement B. Medical Quality Assurance C. Decentralization Services D. Program Planning and Evaluation

0	E. Utilization Analysis and Demand Estimation
	Question 111 Complete Marked out of 1.00
	Flag question
	Question text
	In the effort of promoting public health, housing should be designed in a way that it can eliminate/ minimize biological hazards. Among the hazards associated with housing, tick the one service that does NOT represent a biological hazard
	Select one:
0	A. Good water supply
0	B. Poor ventilation/ overcrowding
0	C. Well- designed kitchen
⑥	(D. Electric shock)
0	E. Good storage of food
	Question 112 Complete Marked out of 1.00
	Flag question
	Question text
	The following patient factors influence utilization of health care services EXCEPT:
	Select one:
0	A. Level of education
0	B. Patient's age
0	C. Financial position
О •	D. Patient's sex
•	(E. The political establishment)
	Question 113 Complete



Flag question

Question text

A cohort study differs from a case-control study in that:

Select one:

- (A. Subjects are enrolled or categorized on the basis of their exposure status in a cohort study) (but not in a case-control study)
- B. Cohort studies are conducted to investigate chronic diseases, case-control studies are used for infectious diseases
- C. In cohort studies incident cases are studied whereas in case control studies prevalent cases are studied
- D. Subjects are asked about their exposure status in a cohort study but not in a case-control study
- © E. Odds ratios are computed in cohort studies but not in case-control studies

### Question 116

Complete
Marked out of 1.00

Flag question

Question text

Which one of the following is TRUE of diarrhoeal disease?

Select one:

- A. Water has no role in transmission.
- B. The housefly has no role in transmission

Flag question

- C. Have a low epidemic potential
- D. The mainstay of control of most outbreaks is use of antibiotics
- (E. Adequate water and sanitation is a measure in elimination)

### Question 117

Complete Marked out of 1.00

Question text

The measure of community participation may be evidenced by all of the following EXCEPT:

	Select one:
•	A. Commissioning of sophisticated equipment at the health facility
0	B. Community contribution to development programmes
0	C. Enhanced service utilization
0	D. Establishment of development committees
0	E. Gender balance in decision making
	Question 118 Complete Marked out of 1.00
	Flag question
	Question text
	Tick the method which is NOT applicable in assessing the quality of water in the community
6	Select one:
•	(A. Radiological)
0	B. Physical
0	C. Microscopical
0	D. Bacteriological
	E. Chemical
	Question 119 Complete Marked out of 1.00  Flag question
	Question text
	The following health care systems apply to the Kenya health care system <b>EXCEPT:</b> Select one:
•	
0	A. International  B. Public
0	C. Communal/community
	3. Communay community

D. Private for profit

E. Faith based

### Question 120

Complete Marked out of 1.00

Flag question

### Question text

A key feature of a cross-sectional study is that:

Select one:

A. It is useful in the study of diseases of short duration

B. It provides information on prevalence rather than incidence

C. It is more useful for analytic epidemiology than it is for descriptive epidemiology

D. It is limited to health exposures and behaviors rather than health outcomes

E. It is useful for the study of rare diseases

Finish review

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