



KMTTC/QP-07/TIS

KENYA MEDICAL TRAINING COLLEGE
KRCHN Supplementary promotional Nursing
Examination

Class: March 2019

Paper: Eight, HEALTH PROMOTION/IMMUNIZATIONS

Date: MONDAY *Tuesday*

1ST FEBRUARY 2021

Time Allowed: 3 Hours

**2-5 PM
8.30-11.30AM**

INSTRUCTIONS TO CANDIDATES

1. ENTER YOUR EXAMINATION NUMBER AND QUESTION NUMBER on each sheet of paper used.
2. ALL questions are compulsory.
3. Each module should be done separately but questions following each other
4. Omission of and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
5. Mobile phones are NOT allowed in the examination hall.
6. Sign in and out from the examination room

HEALTH PROMOTION**PART ONE: MULTIPLE CHOICE QUESTIONS****(10 MARKS)****1. Principles of health promotion include:**

- a) Interest ,participation, holistic
- b) Equitable ,inter-sectoral ,multi-strategy
- c) Holistic ,interest ,sustainability
- d) Comprehension, interest ,sustainability

2. Health promotion is a process that:

- a) Is concerned with other people's health
- b) Increases control over determinants of health
- c) Improves health of people
- d) Controls people social health

3. Audio aids in health promotion include:

- a) Radio ,television ,tape recorders
- b) Computer, television, radio
- c) Cassette recorder ,radio ,computer
- d) Radio, tape recorder, cassette player.

4. The following include two types of visual aids :

- a) Non-projected and tape recorders
- b) Projected and cassette player.
- c) Projected aids and audio
- d) Projected and non projected

5. According to theory of planned behaviors, the elements that influence behavior include:

- a) Altitude ,self efficiency
- b) Perceived ability altitude
- c) Subjective norms ,perceived benefits
- d) Cues to action ,subjective norms

6. A statement that best describe value of group education is:

- a) Provide an opportunity for systematic health education
- b) Used to show how to do something
- c) Popular in many areas
- d) Permits sharing of experiences and skills

7. The method used in group approach of health education include:

- a) Demonstration, role play
- b) Television, newspaper
- c) Role play, television
- d) Newspaper and role play

8. Before implementing the behavior change plan, the client should:

- a) Decide who can help them succeed and how to contact them
- b) Set up a follow up contact in a few months
- c) Decide whether the behavior change goals were met
- d) Do a survey

9. To promote the clients committing to the behavior change goals the nurse

- a) Encourage client to change her goals to what most people do
- b) Ask her to sign formal, written behavioral contract
- c) Discusses the negative consequences that will occur if client does not follow through
- d) Ask client to follow other members of the community

10. In Public Health and Promotion, malaria prevention and control is based on:

- a) Education only
- b) School and public awareness
- c) Political will
- d) Academic only

Health education
changes

PART 2: SHORT ANSWER QUESTIONS.

(10 MARKS)

1. State five (5) principles of Health Education. (5 marks)
2. State five (5) key action areas in health promotion. (5 marks)

PART 3: LONG ANSWER QUESTION

(20 MARKS)

1. Health promotion covers a wide range of social and environmental interventions that are designed to benefit and protect individual people's health and quality of life by addressing and preventing the root causes of ill health, and not just focusing on treatment and cure.

- a) State the three (3) key elements of health promotion. (6 marks)
- b) Describe three (3) problems faced by developing countries in Health Promotion (9 marks)
- c) Outline five (5) roles of a nurse in health promotion. (5 marks)

IMMUNIZATION

PART ONE: MULTIPLE CHOICE QUESTIONS

(10 MARKS)

1. The method of estimating vaccine needs includes:
 - a) Target population
 - b) Previous consumption
 - c) Size of immunization sessions
 - d) All of the above
2. The commonest type of human papilloma virus that causes 70% of the cervical cancers are known as:
 - a) Type 6 and 8
 - b) Type 11 and 16
 - c) Type 11 and 18
 - d) Type 16 and 18
3. The inactivated polio vaccine is administered at:
 - a) 6 weeks

- b) 4 weeks
- c) 14 weeks
- d) 10 weeks

✓ 4. Indicate whether True or False about the following statements with regard to Kenya's National Policy on Immunization.

- i. Integrate immunization activities into the MCH/FP PHC framework... *True*
- ii. Maintain cold chain at all times, monitor the refrigerators, four times in the day... *False*

✓ 5. The recommended age for administration of human papilloma virus (HPV) vaccine to girls in Kenya is:

- ~~a) 10 years~~
- b) 13 years
- c) 10 months
- d) 18 months

✓ 6. The following is a live vaccine:

- a) Inactivated polio vaccine
- ~~b) Measles vaccine~~
- c) Pentavalent vaccine
- d) Pneumococcal vaccine

7. For question Q 7 and Q 8, match the following terminologies to their corresponding definitions.

Terminology	Definition
i. Passive immunity	a) Immunity that is generated when the body produces antibodies to fight antigens following an infection.
ii. Herd immunity	b) Immunity that offers temporary protection from antibodies that have been "borrowed" (e.g. a newborn) before they process their own.
iii. Artificial immunity	c) Immunity that develops when a high proportion of the community, 80% or more, have been immunized. It protects the few who have not been immunized in this

b
c
d

	community
iv. Natural immunity	d) Immunity given through vaccine administration.

9. ^{Frozen} Shake test is usually used in testing which vaccines:

- a) Measles
- b) BCG
- c) Tetanus toxoid.
- d) Rota virus

10. In relation to adverse events following immunization, programmatic error is:

- a) An event that has no causal association between the immunization and the medical condition of the child or woman.
- b) An error in handling, reconstitution or administration of the vaccine.
- c) Individual response to the vaccine itself.
- d) The cause of the event cannot be determined.

PART 2: SHORT ANSWER QUESTIONS.

(30 MARKS)

1. Outline five (5) steps taken in managing adverse events following immunization (AEFI) cases. ^{Increase fluid intake by encouraging the mother to continue breast feeding. If the fever persists administer Paracetamol 100mg. Swelling in the site place a clean cloth on the site.} (5 marks)

2. Explain four (4) strategies used to reduce drop-outs. ³ (4marks)

3. Explain the four (4) Expanded Programme for Immunization (EPI) operational components. ³ ^{outreach campaign} ^{mobile se} ^{Service delivery} ^{logistics} ^{communication} ^{Disease surveillance} (8 marks)

4. State four (4) Advantages of obtaining accurate estimate of vaccine needs. ³ ^{to reduce stockout} ^{to reduce overstocking} ^{to prevent wastage} ^{to increase the h} (4 marks)

5. State five (5) qualifications /conditions for vaccines use. ³ (5 marks)

- > The expiry date has not reached
- > The vvm as not reach the discarding level
- > The vial has not submerged in the water
- > The vaccine has been store in the right temp
- > The vaccine has not been frozen

6. State four (4) health messages you would give to a mother after administration of BCG to her infant: ³ (4 marks)

- > Not to apply Pressure on the site.
- > The wheal is possible to occur that is the wheal how long it will last, how it looks like
- > The possible reactions and what to do
- > Not to apply anything when the wheal mature, abscess occurs

PART 3: LONG ANSWER QUESTION

(20 MARKS)

1. You are posted as a nurse to a new rural health facility and you are required to start immunization services.

a) List five cold chain equipments you will need in order to carry out immunization services in this facility. (5 marks)

- Vaccine carrier
- Refrigerator
- Thermometer
- Freezer
- Cold box

b) State five (5) activities you will carry out during immunization session. (5 marks)

- Screening the mother child booklet to see the immunization status
- Administer the vaccine she is eligible or the baby is eligible for what it
- Explain to the mother the vaccine or doses
- Protects against the common reaction and the reactions

c) Describe how you would organize for an outreach immunization service in this community. (10 marks)

Assess the Community: The population in the community
 the number of health facilities available

Involve leaders

Raise awareness

16
 23

 39