**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR 1 SEMESTER TWO EXAMINATION**

**MARCH 2015 KRCHN CLASS (PRE-SERVICE)**

**KEPI EXAMINATION**

DATE: 27/4/2016 TIME:…………………..

**INSTRUCTIONS**

1. Read the questions carefully and answer only what is asked.
2. Enter your examination number and question number on each page used.
3. ALL questions are compulsory.
4. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet and each MCQ is one (1) mark.
5. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
6. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
7. 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.
8. Do NOT use a pencil.
9. Mobile phones are NOT allowed in the examination hall.

For Examiner:

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| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
|  |  |  |  |  |

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) KEPI – 5 MARKS**

Q.1. The optimum temperatures for vaccines storage in the health facility is:

1. -150c to -250c.
2. 00c to 100c.
3. +20c to +80c.
4. +80c to +200c.

Q.2. It is important for the EPI manager to know the population of his catchment areas because:

1. It helps in calculating the target population to be immunized.
2. It helps when making report to the next highest level.
3. It helps in planning of logistics to be used during immunization.
4. It is a statutory requirement.

Q.3. Which of the following is included in information given to care givers when they bring their children for immunization:

1. Nutrition, return date, what to expect.
2. Breastfeeding, nutrition, return date.
3. Personal hygiene, nutrition, breastfeeding.
4. Return date, what to expect , vaccine given.

Q.4. Which of the following is not a guiding principle for EPI implementation:

1. Community involvement and social mobilization.
2. Integrated approach to immunization.
3. Accessibility and equity.
4. Immunization delivery by mobile teams.

Q.5. Simultaneous administration of several vaccines:

1. Is harmful.
2. Can disturb development of immunity.
3. Produces good immunity against each antigen.
4. Will lower body immunity of the recipient.

**PART TWO: SHORT ANSWER QUESTIONS – KEPI – 15 MARKS**

Q.1. State five (5) reasons why members of the community may refuse their children to be immunized. 5 marks

Q.2. State five (5) factors in the external that can influence immunization. 5 marks

Q.3. (a) Give three (3) reasons for carrying out disease surveillance. 3 marks

(b) Define reverse cold chain and state its use. 2 marks

**PART THREE: LONG ANSWER QUESTIONS – KEPI – 20 MARKS**

Q.1. You have just been posted to sub county X as a sub-county public health nurse. On carrying out your supervisory visists your discover that immunization coverage for most of the antigens is low viz; penta I 60%, Penta III 20% and measles I 15%.

1. State the relationship between penta I and Penta III and penta I and measles I. 3 marks
2. Explain five (5) reasons for drop out. 5 marks
3. Describe your role in increasing immunization coverage. 12 marks