**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR ONE SEMESTER TWO EXAMINATION**

**SEPTEMBER 2014 KRCHN CLASS (PRE-SERVICE)**

**KEPI & COLD CHAIN EXAMINATION**

DATE: …………………… 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 & COLD CHAIN– 5 MARKS**

Q.1. Pentavalent vaccine should be given:

1. Intra muscularly in the upper thigh.
2. Intramuscularly in the upper arm.
3. Sub cutaneously in the upper thigh.
4. Sub cutaneously in the upper arm.

Q.2. How full should a safety box be with used syringes and needles before it is discarded?

1. 100%.
2. 75%.
3. 50%.
4. 20(%.

Write true or false for Q.3.

Q.3. (a) AD syringes automatically disable itself after one use and readies the syringe for another

 injection.

 (b) No needle should be recapped after use.

(c) Never should a needle be left inserted in the vial cap.

 (d) Herd immunity is the immunity that everyone gets in the population.

1. Service delivery is a supportive component of immunization.
2. A HIV positive child with symptoms (AIDS) can be given BCG vaccine.

**PART TWO: SHORT ANSWER QUESTIONS – KEPI & COLD CHAIN – 15 MARKS**

Q.1. With the aid of a diagram and relationship of external environment and health

system with the immunization program. 6 marks

Q.2. What are the objectives of national immunization policies. 3 marks

Q.3. What does (GIVS) stand for and list two innovative approaches that it promotes. 1½ marks

Q.4. List five strategic components of RED. 2 ½ mark

Q.5. State the target population for EPI in the African region. 2 marks

**PART THREE: LONG ANSWER QUESTIONS – KEPI & COLD CHAIN – 16 MARKS**

Q.1. State four (4) types of cold chain equipment. 4 marks

Q.2. Explain the role of a nurse in the management of cold chain at:

1. The health centre.
2. District.
3. Community during outreach service. 12 marks