**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**MARCH 2012 KRCHN CLASS (PRE-SERVICE)**

**BLOOD DISORDERS CAT**

DATE: ………………….. TIME: ...........................

**INSTRUCTIONS**

1. Enter your examination number and question number on each page used.
2. ALL questions are compulsory.
3. 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.
4. Do NOT use a pencil.
5. Mobile phones are NOT allowed in the examination hall.

Q.1. List any six (6) constituents of plasma. 3 marks

Q.2. Define the term ‘anaemia’. 1 mark

Q.3. (a) Define iron deficiency anaemia. 1 mark

(b) Outline the five (5) causes of iron deficiency anaemia. 5 marks

(c) Describe the nursing management of patient with iron deficiency anaemia. 10 marks

Q.4. (a) Explain the pathophysiology of megaloblastic anaemia. 6 marks

(b) State the three (3) causes of vitamin B12 deficiency anaemia and two (2)

causes of folic acid deficiency anaemia. 5 marks

Q.5. (a) Define sickle cell anaemia. 1 mark

(b) State five (5) clinical manifestations of sickle cell anaemia. 5 marks

(c) Explain the nursing intervention of a patient with sickle cell crises. 6 marks

(d) Describe the three (3) sickle cell crises. 6 marks