**MATRIC NO: 18/MHS01/248**

**NAME: ODENIYI IBUKUN ABIOLA**

**DEPARTMENT: ANATOMY**

**COURSE: BCH 204**

**ASSIGNMENT TITLE:**

**MINERAL METABOLISM**

**ASSIGNMENT**

|  |  |  |
| --- | --- | --- |
| **Nutrient** | **Deficiency Symptoms** | **Toxicity Symptoms** |
| **Potassium** | **Muscle weakness; decreased intestinal tone and distension; cardiac arrhythmias; respiratory failure** |  |
| **Calcium** | **Rickets – abnormal develop- ment of bones.** | **Excessive calcification of bone; calcification of soft tissue; hy- percalcemia; vomiting; lethargy** |
| **Magnesium** | **Muscle tremors; convulsions; irritability; tetany; hyper-or hypoflexia** | **Diarrhea; transient hypocalcemia** |
| **Chloride** | **Nausea; cramps; vomiting; dizziness; apathy; exhaustion; possible respiratory failure** |  |
| **Iron** | **Hypochromic microcytic ane- mia; malabsorption; irritability; anorexia; pallor, lethargy** | **Hemochromatosis; hemosidero- sis** |