

# **ARDHI UNIVERSITY**



**SCHOOL OF EARTH SCIENCES, REAL ESTATES, BUSINESS  
STUDIES AND INFORMATICS**

**DEPARTMENT OF COMPUTER SYSTEMS AND  
MATHEMATICS**

**BACHELOR OF SCIENCE IN INFORMATION SYSTEMS  
MANAGEMENT**

**COURSE: COMPUTER MODELING & SIMULATION**

**COURSE CODE: IS 354**

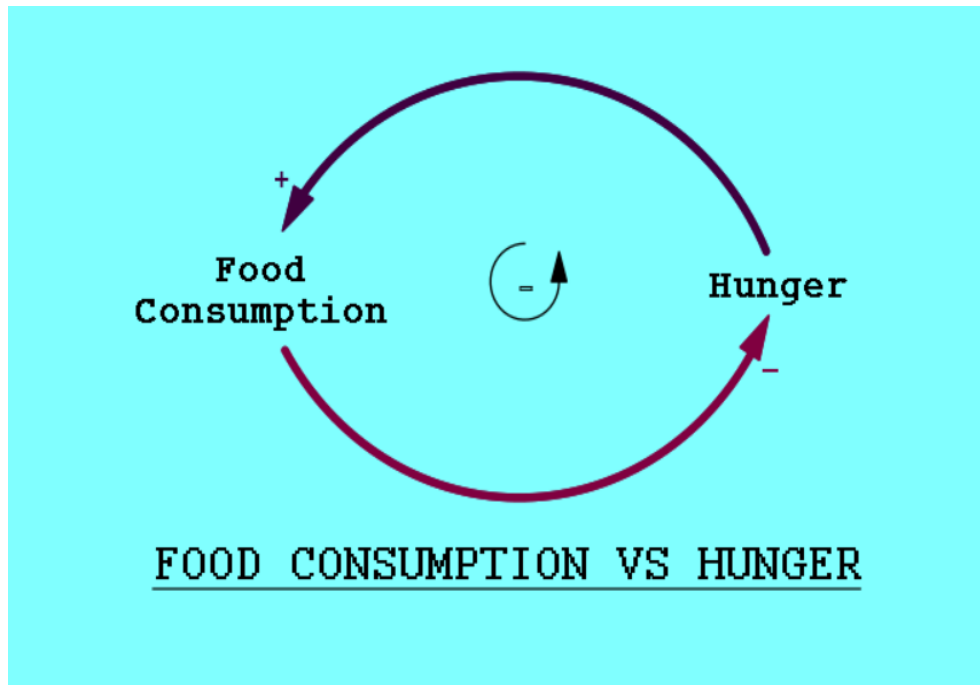
**TASK: GROUP ASSIGNMENT**

**SUBMITTED TO: MR. NKOTAGU**

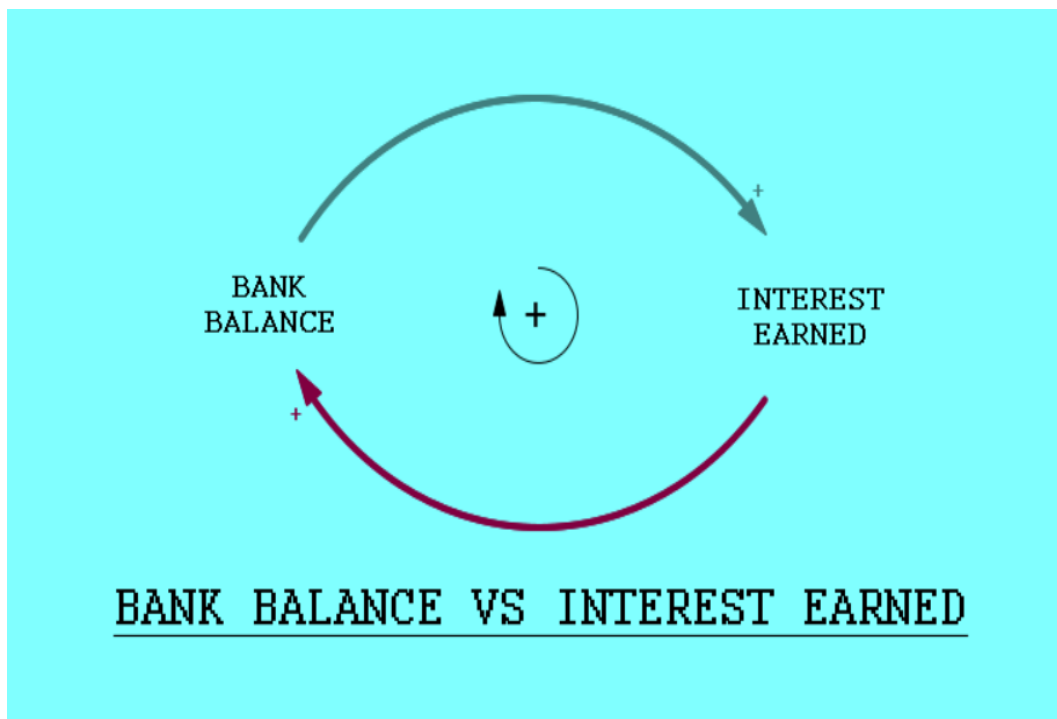
<b>SN</b>	<b>NAME</b>	<b>REG NUMBER</b>
<b>1</b>	<b>IPOMBO , OMARY S</b>	<b>26996/T.2021</b>
<b>2</b>	<b>NDYETABULA , SHADYA A</b>	<b>27011/T.2021</b>
<b>3</b>	<b>OZWARD , JOSHUA Y</b>	<b>26973/T.2021</b>
<b>4</b>	<b>MDOE , ESTHER C</b>	<b>26954/T.2021</b>
<b>5</b>	<b>ARON , MUSSA B</b>	<b>26991/T.2021</b>

**QN.** Draw Causal Loop Diagrams for the following variables and Provide the loop polarity for the following

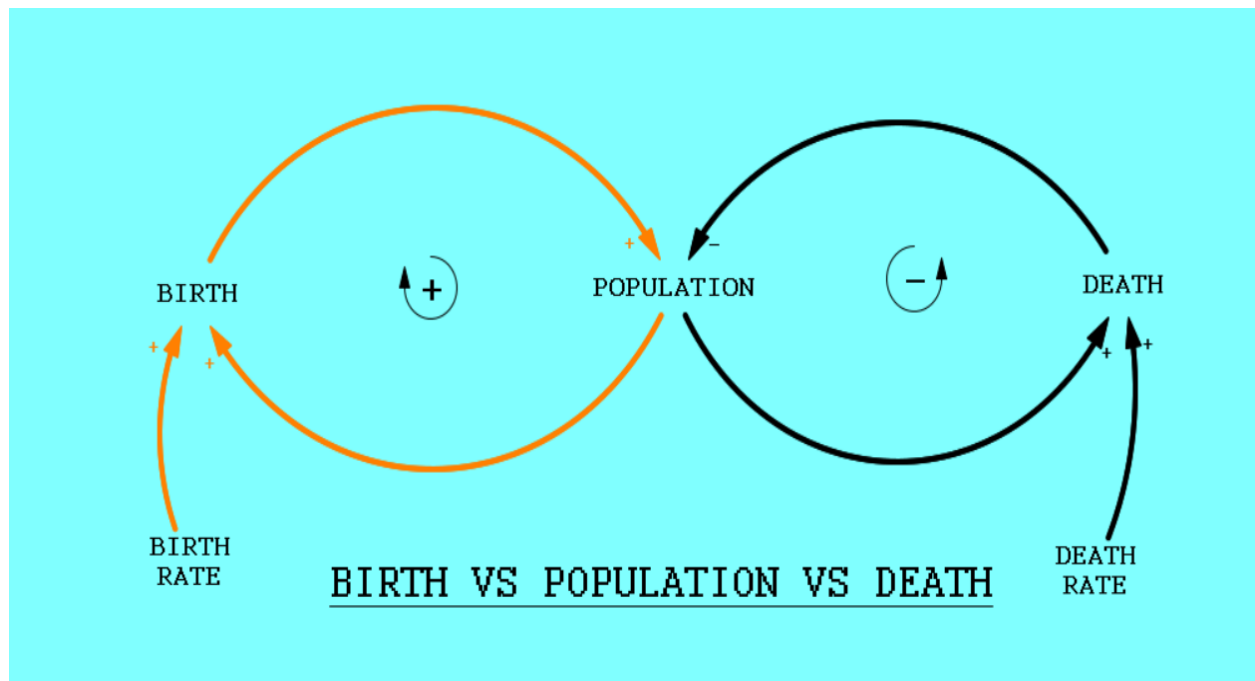
**A.** Food Consumption Vs Hunger.



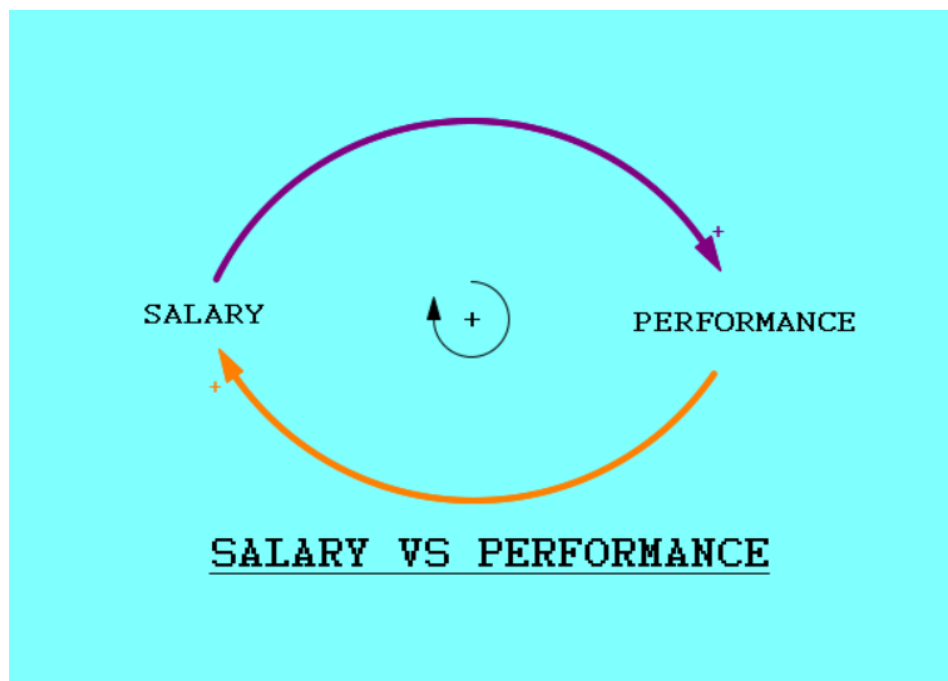
**B.** Bank Balance Vs Interest Earned.



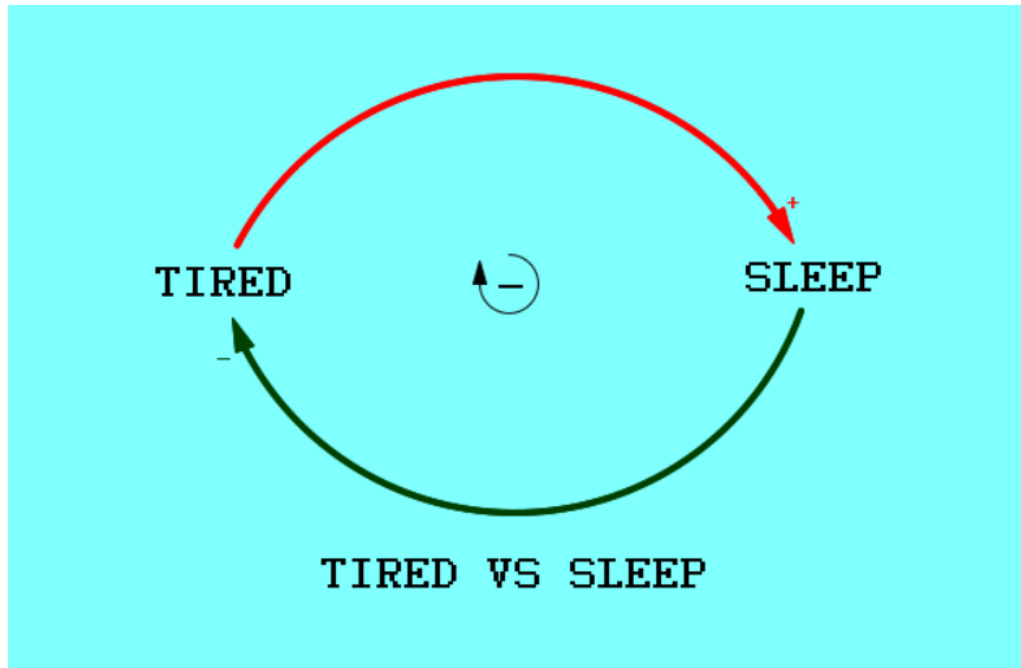
**C. Births Vs Population Vs Deaths.**



**D. Salary Vs Performance.**



E. Tired Vs Sleep.



F. Food Intake Vs Weight.

