



**CRAWFORD UNIVERSITY**  
FAITH CITY IGBESA OGUN STATE  
2020/2021 RAIN SEMESTER EXAMINATIONS

College of Natural and Applied Sciences  
Department of Biological Sciences  
Biochemistry Programme  
Course Code: BCH222  
Course Title : Introduction To Physiology  
Course Unit: 3

Time: 3hrs

**Instructions: Attempt five questions only.**

- 1 (a) Define the following (i) Homeostasis (ii) Endocrine System (iii) Hormones (iv) Metabolism . (4marks)
- (b) Name two fluids that constitute the extracellular fluid and how they differ from each other. (11marks)
- 2(a) Enumerate five physiological control systems and their variables (5marks)
- (b) Differentiate negative –feedback system and positive feed-back system: (9marks)
3. In a downward temperature variable, what control does the human body system mount to bring the body to fairly stable condition.(15marks)
4. Name the site of production, and state the functions of the following hormones- (i) Gastrin (ii) Estrogen (iii)Androgen (iv) Erythropoietin (v) Insulin (vi) Glucagon (vii) Growth hormone (somatotropin) (15marks) .
5. Define physiology and discuss the importance of physiology in health care. (15marks)
- 6.Explain the condition that makes a blood group (i) A, (ii) B (iii) AB (iv) O (15marks)
- 7.Describe the constituent of blood and state the functions of erythrocytes (15marks).