

DR. KANAILAL BHATTACHARYYA COLLEGE

B.SC. Hons. Examination (CBCS System) -2021

Semester- III

Subject- ZOOA

Paper- CC6 (Animal Physiology)

Date: 23/02/2021.

Time: 11 am to 12 noon

Answer **any 5** questions of the following

Q.1.a. What is Z -line?

5×2=10

b. What is Action Potential?

c. Write down brief role of Ca^{+2} ions in muscle contraction?

d. What is corpus luteum? Mention its function.

e. Name two placental hormones?

f. Why blood is called liquid connective tissue?

g. Write down the differences between bone and Cartilage?

h. What do you mean by signal transduction? Which hormone follow RTK pathway of signal transduction?

i. Write down two characteristic features of cardiac muscle?