

KANDI RAI COLLEGE

U.G. 1st Semester Internal Examination - 2021

BOTANY [HONOURS]

Course code - BOT-H-CC-T-01

1) Answer any five of the following =  $2 \times 5 = 10$

- a) what is meant by the term 'Buffer solution'?
- b) Mention the name of any two essential fatty acids.
- c) what is 'prosthetic group'?
- d) what is Km? what is the unit of Km?
- e) what do you mean by the term 'facilitated diffusion'?
- f) what is zwitter ions form of amino acid?

Course code - BOT-H-CC-T-02

1) Answer any five of the following questions -  $2 \times 5 = 10$

a) what is Racemose inflorescence? Give an example.

b) what is Twisted aestivation? give an example.

c) what is placentation?

d) what is plasmodesmata?

e) what is Hydathodes?

f) Write the components of xylem and phloem tissue.

g) what is Lenticels?