

Instructions to candidates

Duration: 01 hour

Number of questions: 02

Mark allocation: 100

Answer **all** questions

1.

- a. Give three (03) examples for biotechnological improvements of farm animals.
(15 mark)
- b. Explain the biotechnological manipulation of transgenic Salmon fish.
(20 mark)
- c. Discuss advantages and disadvantages of transgenic Salmon fish.
(15 mark)

2.

- a. What do you mean by "Roundup Ready" crops?
(10 mark)
- b. What is the genetic manipulation in "Roundup Ready" crops?
(20 mark)
- c. Discuss the merits and demerits of "Roundup Ready" crops.
(20 mark)

