

UNIVERSITY OF RUHUNA
BACHELOR OF SCIENCE (GENERAL DEGREE) LEVEL III (SEMESTER I)
EXAMINATION – July 2016

SUBJECT: BOTANY

COURSE UNIT: BOT3191 Weed Biology

Time: **One hour**

Answer **two (02)** questions including question No. 1

Question No.	Marks
Q ₁	
Q ₂	
Q ₃	
Total	

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- 1.
- a) Name **five (5)** characteristics of terrestrial weeds in relation to its successful colonization in arable lands.
- b) What are alien invasive species?
Name **(3)** common alien invasive weed species found in Sri Lanka
- c) What are the impacts of seed dormancy in relation to weed control?
- d) Give **four (4)** different types of losses to crops caused by weeds.
- e) What is the difference between a selective herbicide and a non-selective herbicide?
Give an example for each with the chemical structure.
2. Write short notes on the following:
- i) Precautionary measures to be followed in herbicide application
- ii) Persistence of herbicides in the soil.
3. What are the requirements to be a good bio control agent for weed control?
Distinguish between a bio control agent and a bio- herbicide.