

THE PAPUA NEW GUINEA UNIVERSITY OF TECHNOLOGY
DEPARTMENT OF AGRICULTURE

FIRST SEMESTER FINAL EXAMINATION - 2020

FIELD CROP PRODUCTION - AG 303

TIME ALLOWED: 3 HOURS

TOTAL MARKS: 50

INFORMATION FOR CANDIDATES

1. You have ten minutes to read the paper. You must not begin writing during this time.
2. Write your name and student number clearly on the front page of your answer booklet.
3. Answer **ALL** the questions in the answer booklet provided.
4. The marks for each question are given at the end of each question.
5. Notes and textbooks are not allowed in the examination room.
6. Mobile phones must not be used during exams, and if in your possession, switch off or silence them.

Answer ALL the questions

- Q1.** Write the scientific and family names of the following crops. Note that correct spelling for each is critical (10 marks):
- a) Irish potato
 - b) Taro true
 - c) Greater yam
 - d) Peanut
 - e) Corn
- Q2.** List and explain any five climatic factors that affect the distribution of crops in PNG (10 marks).
- Q3.** Discuss the cultivation and management processes of *Ipomoea batatas* (10 marks).
- Q4.** Explain how you would control or manage a fungal disease outbreak on taro true (10 marks).
- Q5.** Discuss the importance of maize production in human welfare and the economy of nations (10 marks).

*“He who works his land will have abundant food,
but he who chases fantasies lacks judgment.”*

Proverbs 12: 11