

Name: _____

Year Level: _____

BA PROVINCIAL FREEBIRD INSTITUTE

AGRICULTURAL SCIENCE -YEAR 12

TERM ONE END EXAMINATION- 2021

ANSWER BOOKLET

**HAND IN THIS ANSWER BOOK TO THE SUPERVISOR
BEFORE YOU LEAVE THE EXAMINATION ROOM.**

Time Allowed: Three Hours

(An extra ten minutes is allowed for reading this paper)

INSTRUCTIONS

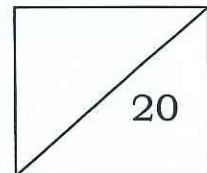
1. Write **all** answers in the **Answer Book** provided.
2. Write your **Name** on the front page of your **Answer Book** and on any extra sheets of paper used.
3. Write your answer to each question in the appropriate part of this Answer book.
4. Answer all the questions with a ball-point or ink pen, **NOT** pencil.
5. If you use extra sheets of paper be sure to show clearly the number of the question being answered and attach each sheet securely in your **Answer Book** at the appropriate place.

Marks
Gained:

SECTION A**MULTIPLE-CHOICE****[COMPULSORY]****(20 Marks)**Circle the letter that represents the best answer.

1	A	B	C	D
2	A	B	C	D
3	A	B	C	D
4	A	B	C	D
5	A	B	C	D
6	A	B	C	D
7	A	B	C	D
8	A	B	C	D
9	A	B	C	D
10	A	B	C	D

11	A	B	C	D
12	A	B	C	D
13	A	B	C	D
14	A	B	C	D
15	A	B	C	D
16	A	B	C	D
17	A	B	C	D
18	A	B	C	D
19	A	B	C	D
20	A	B	C	D



SECTION B

(COMPULSORY)

[60 MARKS]

Answer all questions. Each question is worth 10 marks.

QUESTION ONE

[10 MARKS]

(a) State one adaptation

[1 mark]

(b) Explain one reaction

[2 marks]

(c) GMO

i. Two advantage

[2 marks]

ii. Two disadvantage

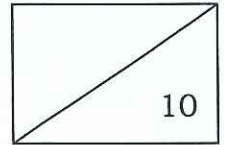
[2 marks]

(d) Differentiate between whole farm budget and partial budget

[2 marks]

(e) State one importance

[1 mark]



QUESTION TWO

[10 MARKS]

(a) Explain one way

[2 marks]

(b) Define the following terms

i. GMO

[1 mark]

ii. Mitigation

[1 mark]

(c) Discuss one factor

[2 marks]



d. State two advantages of using machines

i.

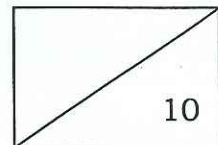
ii.

[2 mark]

(e) state the name and its functions

	Name	Function
	-	-
	-	-

[2 marks]



QUESTION THREE

(a)

i. Gross margin for **dalo** and **yams**

[2 marks]

ii. Returns to capital for each crop

[2 marks]

iii. Return to labour for each crops

[2 marks]

(b) Explain one importance of farm planning

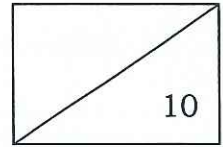
[1 marks]

(c) Explain one importance

[2 marks]

(d). write one limitation

[1 mark]



QUESTION FOUR

(a) List two

[2 marks]

(b) State and explain

[2 marks]

(c) Differentiate:

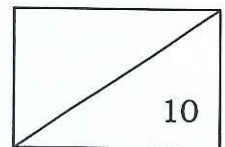
[2 marks]

(d) Discuss one factor

[2 marks]

(e) Differentiate:

[2 marks]



QUESTION FIVE

(a) Enlist two disadvantages of farm machines

[2 marks]

b) Define the following

i.

[1 mark]

ii.

[1 mark]

c) Briefly explain

[2 marks]

d) Discuss one challenge

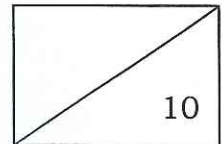
[2 marks]

(e) State two initiatives

1.

2.

[2 marks]



QUESTION SIX

(a) Define the following terms

i. Albedo

ii. Pollution

iii. Eutrophication

[3 marks]

(b) List two effects

[2 marks]

(c) State one advantage

[1 mark]

(d) Explain the functions

i.

ii.

[2 marks]

(e) Define the term budgeting

[1 mark]

(f) State one importance's

[1 mark]

