Thuto360 Revision Bank

Free practice for every learner in Botswana

MOCK PAPER

JCE Agriculture — Thuto360 mock paper

Agriculture · Form 3 · JCE

QUESTIONS	TOTAL MARKS	TIME ALLOWED
11	**15**	**90 minutes**

Name _____

Class / school _____

Date _____

Score _____ / 15

Instructions

A Thuto360 practice paper in the style of the national examination — not an official BEC paper.

Section A is multiple choice and is marked as soon as you hand in. Section B is written: your teacher marks it, or, if you are practising on your own, you mark it yourself against the marking guide.

Multiple choice: circle the letter of the right answer. Where it says "tick every correct answer", more than one is right. Written questions: answer on the lines given; the marks for each part are in brackets. The answers are on the last page.

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Section A — multiple choice

1. Which government programme has supported arable farmers in Botswana with inputs and ploughing?

- (A) BMC
- (B) BHC
- (C) BURS
- (D) ISPAAD

2. Which record shows money coming in and going out of a farm?

- (A) Feed record
- (B) Rainfall record
- (C) Cash book
- (D) Breeding record

3. What is bush encroachment?

- (A) The spread of thorny bushes into grassland, often after overgrazing
- (B) Clearing land for crops
- (C) Grass growing on roads
- (D) Planting trees in rows

4. Which is a good way to harvest rainwater on a farm?

Tick every correct answer.

- [A] Contour bunds to slow run-off
- [B] Roof catchment into tanks
- [C] Small earth dams

5. A shade net is used in a vegetable garden to…

- (A) increase wind
- (B) add nutrients
- (C) attract pests
- (D) reduce heat and water loss

6. The period a cow is pregnant (gestation) is about…

- (A) 5 months
- (B) 9 months
- (C) 12 months
- (D) 3 months

7. Removing the horns of young calves is called…

- (A) castration
- (B) branding
- (C) culling
- (D) dehorning

8. Ticks on cattle can be controlled by…

- (A) dipping or spraying with acaricide
- (B) feeding more grass
- (C) giving more water
- (D) shearing

9. The number of animals an area of veld can support without damage is its…

- (A) stocking rate
- (B) grazing pressure
- (C) yield
- (D) carrying capacity

10. Which implement is used to turn over soil?

- (A) Harrow
- (B) Plough
- (C) Sprayer
- (D) Planter

Section B — structured questions

11. Many communal grazing areas in Botswana are overgrazed.

(a) Explain what overgrazing is. [1]

(b) Give two effects of overgrazing. [2]

(c) Suggest two ways of preventing it. [2]

Answers

Check your work after you finish. Multiple-choice questions score only when every right answer is chosen.

1	D	**2**	C	**3**	A	**4**	A, B, C	**5**	D
6	B	**7**	D	**8**	A	**9**	D	**10**	B
11	See below								

Marking guide for written questions

Question 11

(a) [1] Keeping more animals than the land can support so plants cannot recover (1)

(b) [2] Any two: soil erosion, bush encroachment, loss of palatable grasses, poor animal condition (1 each)

(c) [2] Any two: rotational grazing, reducing herd sizes, fencing/paddocks, reseeding, matching stock to carrying capacity (1 each)