## KAJUBI PATRICK

WAKISSHA JOINT MOCK EXAMINATIONS MARKING GUIDE

Uganda Advanced Certificate of Education AGRICULTURE P515/3 July/August 2024



1 (a)	G :				
. 12	Specimen	Observation	Deduction	0 7 4	
Acidio	71	Solution turns red/yellow	Acidic &	(2 marks)	
Alvah	B Clay	Solution turns blue purple	Alkaline	=02	
(b)	Effects on pl	ant growth			
	A - Kills co	۰			
	- Limits				
	B - Hinders - Enables	certain type of crops to be gr some minerals un available f Luce of Mand un s certain mineral unavailable. s certain diseases prevalence plants that grow in acidic soi	or plants eg phosphorous.  2 such turgat dizz Living organisms live er bactenal	(3 marks)	
	- Stunted	growth in plants.	The Manual	<i>3</i>	
(c)					
	A- Use off ac - Leaching	,			
	- Soils mad	+11			
	- Dissolved	12			
	- Addition	(2 1 )			
	B-Addition	(3 marks)			
		alkaline rocks. — Al	sence of Sulpha'Les		
	- Up take o	r dations from the sons.	server f - more	1	
	- Addition		~ 011	12	
(d)	Possible crops	that can be grown	g Lou		
	A. I ea, blue berries, coffee sugar capes line of the				
	B. Onions, cal	obage, cauliflower, beans	02/0	(2 marks)	
域的原		heart in the state of the state	Chille same and president seconds		
2(a)	Maize bran		Proportion of specimen F	of seasons and	
ise bro	M GT	49 Pare of Man	49/	A 1	
vacal	M Speaner F	100 ban	$\frac{2}{5} = \frac{100\%}{56.3} \times \frac{100\%}{100\%}$	(2	
for along		101	- 5770		
remix	France 6	7.3 Part VF	Proportion of specimen G $= \frac{7.3}{56.3} \times 100\%$	(2½ marks)	
	•	563 Total Run	56.3 × 100% = 13%	une	
				- P	

(b)	<ul> <li>Clean the floor.</li> <li>Get the required ingredients. Specimens.</li> <li>Measure the specimens.</li> <li>Put F Tak on the floor.</li> <li>Add G on the top of F</li> <li>Add H on the top of G</li> <li>Add I on the top H.</li> <li>Get a spade and mix them while maintaining a conical shape until when they are mixed.</li> </ul>	(5 marks)  (5 marks)  (10)  (1
· (c)	<ul> <li>The animal flows faster.</li> <li>The animal damaged tissues and cells are repaired.</li> <li>If gives energy to the animal when carbohydrates are absent.</li> <li>It's a component of animal products like eggs.</li> <li>It builds animal body immunity.</li> <li>The animal grows faster and larger.</li> </ul>	$(2\frac{1}{2} \text{ marks})$
Q3	Specimen  M. drenching gun  N. Rope.  Describe how specimens are used.  Restrain the animal using specimen N.  Use specimen M and draw oral drugs into it from the bucket.  Administer oral drugs through the mouth using specimen M.  Remove specimen M from the mouth.  Remove specimen N from the animal and release it.	l to Indicate the right dose of the contain the dry in we have the crail dryge
(c)		(3 marks)
(d)	Operations carried out by N: Used while carrying out the following;  - Dehorning  - Grazing   Tethering - Lentification  - Milking  - Slaughtering  - Artificial Intermination	(2 marks)
Conend Q4. Sand Aggregates Concrete	U - Its very fine powder dark grey in colour.  V - Vey fine particles, very hard and of varying sizes.  W - Small stones of irregular shape and varying sizes.  X - It's mixed with cement, sand and gravel with water.	(2 marks)
concrete	© WAKISSHA Joint Mock Examinations 2024	Page 2 of 4
. / .		CS CamScanner

**CS** CamScanner

		Y YA	
		Y - It's impervious to water.	Lvc
		- It is smooth and black in colour.	=22
		- It's a hard sheet.	=22
	(b)	<ul> <li>U - Its used as binder when making mortar / concrete.</li> <li>- Can be mixed water to finish floor during construction.</li> </ul>	3
/* a /		<ul> <li>V - Can be mixed with cement to form mortal used in brick laying.</li> <li>- Can be mixed with cement and gravel to form concrete for making foundations, beams and floors.</li> </ul>	3
		<ul> <li>W - It's mixed with sand and cement to make concrete used in making foundations, floor and beams.</li> </ul>	(@marks)
		X - It's used in making foundations, floor, walls and beams.	TV 16
		Y - It is placed on foundations wall to prevent upward movement of water from the ground, into the wall. In Capillary	5/16
	(c)	- Clean the ground Pour a measured amount of V ish on the ground.	de la constante de la constant
1	1	Down as a sound of the state of	25
May	$\mathcal{C}_{\mathcal{N}}$	- Mix the two very well.	(2 = 1:0)
, ,	0~	- Spread the mixture on the ground.	(3 marks)
Ma	XV.	- Pour W onto the mixture and spread.	QX5
	-0.	Pour water as you mix to form concrete Charles	=27
rei-Stel	and	Transfer the construction of the Cold all	22
, n	unaes	- Site often mixing well	
in in	UMARS	- Pour water as you mix to form concrete Specimen X - Transfer the construction of the Site after mixing well	<b>教教務就學問題於</b> (155-155-155-155-155-155-155-155-155-155
	环族的	2012年1月10日,1912年1日,191	<b>经验</b> 赛等的是《500
	Q5. (a)	Specimen.	经统计
	环族的	Specimen. C- Fleshly prepared poultry manure.	拉频系统和显示。
	Q5. (a)	Specimen. C- Fleshly prepared poultry manure. D- Well prepared compost manure.	
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	Q5. (a) (i)	Specimen. C- Fleshly prepared poultry manure. D- Well prepared compost manure. E- Fleshly prepared cow dung.  Effects of applying each specimen on crops. C - Scorch/ burn the plant Crops will be yellow Crops will grow poorly.  D - Crops will grow well and healthy No scorching of the plant Crops will have better yields until green colour.  E - Crops may be scorched / burnt - Crops will be yellow and grow poorly.	(X3 (22marks) 3X (a)
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	Q5. (a) (i)	Specimen. C- Fleshly prepared poultry manure. D- Well prepared compost manure. E- Fleshly prepared cow dung.  Effects of applying each specimen on crops. C - Scorch/ burn the plant Crops will be yellow Crops will grow poorly.  D - Crops will grow well and healthy No scorching of the plant Crops will have better yields until green colour.  E - Crops may be scorched / burnt - Crops will be yellow and grow poorly.	(X3 (22marks) 3X (a) 24marks) 1X2
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(b)	How specimen C and E can be improved.  C - Heaped in one place Covered and allowed to rot before it's applied to crops.  Gathered and heaped on the concrete floor Covered with soil Allowed to rot before it's applied to crops.	202 m
(c)	How specimen D can be applied in the garden.  He Put around the plant in a ring and work it into the soil.  Worked into the soil before planting the crops.  Put in planting holes or mixed with top soil during planting.  Broad casting and top dressing / side dressing.  Broad Casting	( <b>1</b> marks) 2∝√@

**END**