KAMPALA URBAN SCHOOLS

PRIMARY LEAVING SPECIAL MOCK EXAMINATION, 2020 PRIMARY SEVEN INTEGRATED SCIENCE

Time allowed: 2 hours 30 minutes

NAM	E:									
INDE	X NUMBER									
EMIS	NO:				SIGN	IATURE			Y	
Read	the following i	nstruct	ions ca	refully:		1	FOF	REXAM	IINER'S	USE ONLY
1.	The paper has	two se	ctions:	A and B						
2.	Section A has	40 ques	stions (4	0 marks	s))				
3.	Section B has	15 ques	stions (6	0 marks	5)					
4.	Answer ALL q	uestion	s. All ar	swers to	o both S	ections A	A Qn.	No I	MARK	SIGN
	and B must be	written	in the s	paces p	rovided.		1 – 1	10		
5.	All answers mu	ust be w	ritten us	sing a bl	ue or bla	ack ball	11 –	20		
	point pen or in	k. Diag	rams sh	ould be	drawn ir	n pencil.	21 –	30		
6.	Unnecessary of	crossing	of work	may lea	ad to los	s of mar	ks. 31 –	40		
7.	Any handwritin	g that c	annot b	e easily	read ma	y lead to	41 –	43		
	loss of marks.						44 –	46		
8.	Do not fill anyt	thing in	the boxe	es indica	ated;		47 –	49		
	For Examiner's	s use or	nly.				50 -	52		
							53 –	- 55		
	/						ТОТ	AL		

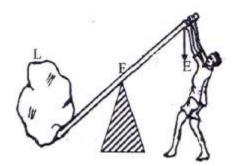
"Success is for those who work hard"

pg. 1 P T O

SECTIONA: (40 marks)

- 1. Name any one example of a root tuber.
- 2. Which disease can one suffer from due to lack of water for bathing?
- 3. Give one reason why small stones are added to poultry feeds.

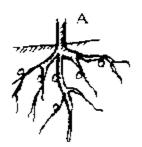
The diagram below shows a type of lever. Use it to answer the question that follows.

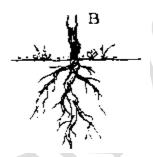


- 4. To which class of levers does the above machine belong?
- 5. Apart from soap, name one other material used in washing our clothes.
- 6. Give one use of an arm sling in giving first aid for fractures.
- 7. Apart from ferns, which other plant produces by means of spores?
- 8. Name any one mammal that produces by laying eggs.
- 9. What is the role of a dog in a home?
- 10. Give one way of controlling wind erosion in a garden.
- 11. Apart from milk, name one other protein food got from cattle.
- 12. Why should a husband and wife go for HIV testing together?

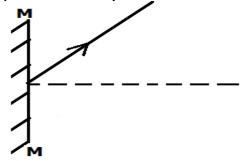
- 13. Name the practice in poultry that enables birds to exercise their body in a deep litter house.
- 14. Give one item we use in cleaning our teeth.
- 15. How do moles benefit from loam soil?

The diagrams below are types of root systems. Use them to answer the questions that follow.





- 16. Give one difference the root system marked A and B in the diagrams above.
- 17. Mention one example of plants with the root system shown in diagram A.
- 18. Give one use of fats in the human body.
- 19. How do trees contribute to the water cycle?
- 20. Give one use of magnets to electricians.
- 21. What type of pollination occurs in papaw plant?
- 22. Complete correctly.

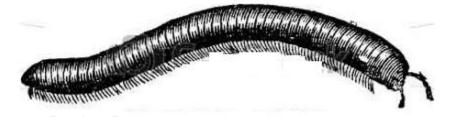


- 23. Name the germ that causes Covid-19.
- 24. Name the force produced when two surfaces rub against each other.
- 25. How does the nail below acquire magnetism?



- 26. State the role of the oviduct in a female reproductive system.
- 27. In which one way does a child get natural immunity?
- 28. Name the tissue which joins bones together at a joint.
- 29. Why does sugar disappear when mixed in water?

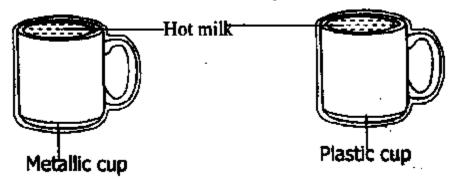
The diagram below is of an invertebrate. Use it to answer the question that follows.



- 30. To which group of invertebrates does the one shown in the diagram above belong?
- 31. Which type of injury is caused by dry heat?
- 32. How can you care for seedlings in a nursery bed?
- 33. What role does a micropyle play on a germinating bean seed?
- 34. State the living organism which causes scabies in human beings

- 35. Why does digestion of starch take place in the mouth?
- 36. Give one benefit of dehorning cattle in cattle management.

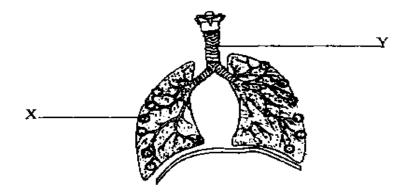
The diagram below shows twp cups made up of different materials. Use them to answer question



- 37. Which of the two cups had hot milk after 20 minutes?
- 38. Give one danger of burning polythene materials in the environment.
- 39. How does heat travel in liquids?
- 40. What happens to the diaphragm when we breath out?

SECTION B

- 41(a) Give any two examples of chemical changes.
- (i)
- (ii)
- (b) Write down any two characteristics of physical changes.
- (i) (ii)
- 42. The diagram below is of a respiratory organ. Use it to answer the questions that follow.



(a)	Name the parts marked by letters: X
(i) (ii)	Υ
(h)	Which process takes place in the part marked X?
(c)	What helps part marked Y to keep open all the time?
43(a) (i)	Apart from wind, give two other agents of pollination in flowering plants.
(ii)	
(b) (i)	Which part of a flowering plant mainly does the following; Manufactures food:
(ii)	Absorbs water and mineral salts?
	Give any two benefits of keeping exotic breeds of cattle.
(i)	
(ii)	
(b)	Give any one importance of the following management practices in cattle
<i>(</i> 1)	keeping:
(i)	castration:
(ii)	ear tagging:
45.	Match list A to list B correctly.
	A B
	lizard mammals
	newts Birds
	Rabbits Reptiles
(1)	Penguin Amphibians
(i)	Lizard
(ii)	Newts
(iii)	Rabbits
(iv)	Penguin The diagram below shows the effect of white light on an object.
46.	Use it to answer the questions that follow.
	A
	Orange
	Yellow

Prism

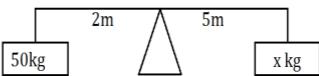
pg. 6

P T O

above?		
State two ph	ysical differences between	an artery and a vein.
Which type of bl	ood is transported by mos	t blood vessels with valves
Name any one w	vaste material transported	by blood.
The table belo		diseases, vaccines nmunization takes place
The table below administered a Complete it co	and the age at which in	Age
The table below administered a Complete it co	rrectly. Vaccine	Age 9 months
The table below administered a Complete it co	and the age at which in rectly.	Age
The table below administered a Complete it co Diseases Measles	vaccine BCG vaccine	Age 9 months

pg. 7 P T O

50. (a) Given the see saw below. Find the value of x in newtons. (2mks)



- (b) Why is a pair of scissors said to be a double lever?
- (c) Apart from a pair of scissors, give one other example of a machine in the first class lever.
- 51(a) Give one reason why the government of Uganda gives people mosquito nets free of charge.
- (b) Name any two diseases controlled by proper use of mosquito nets in a home.
- (i)

- 52(a) Give one reason why a piece of paper floats on water.
- (b) Apart from a piece of paper, give one other object that floats on water.
- (c) A stone with 0.5kg/cm³ was totally immersed in a measuring cylinder full of water and the water level rose from 30cm³ to 50cm³
- (i) Find the volume of the stone.
- (ii) Calculate the mass of a stone.

(Give any two ways a bee keeper can care for bees in an apiary.
	Cive the formation of the following marks of a skeleton
	Give the function of the following parts of a skeleton. Rib cage:
7	Tendon:
	State any two pieces of advice you can give someone to maintain the skeletal system in a proper working condition.
	The diagram below shows a lunar eclipse. Use it to answer th
-	The diagram below shows a lunar eclipse. Use it to answer the questions that follow.
	The diagram below shows a lunar eclipse. Use it to answer the questions that follow. Earth