## **EAGLE EXAMINATION BOARD**

PRE-MOCK EXAMINATION 2023 SET III





## **PRIMARY SEVEN**

## INTEGRATED SCIENCE

Time allowed: 2 hours 30 minutes

		School EMIS			Personal NO.				
Index No.									
<b>CANDIDATE'S</b>	<b>NAME</b>								
CANDIDATES	SIGN	ATURE							

## **READ THE FOLLOWING INSTRUCTIONS CAREFULLY:**

- 1. This paper has two sections: **A** and **B**.
- 2. Section A has 40 short questions (40 marks).
- 3. Section B has 15 questions (60 marks).
- 4. Attempt All questions. All answers to both Sections A and B must be written in the spaces provided.
- 5. All answers must be written using blue or black ball-point pen or ink. Only diagrams should be drawn using pencils in the spaces provided.
- 6. Unnecessary alteration of work may lead to loss of marks.
- 7. Any handwriting that cannot be easily read will lead to loss of marks.
- 8. Do not fill anything in the boxes indicated

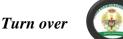
FOR OFFICIAL USE ONLY					
SECTION	<b>EXAMS MARKS</b>	T/L MARKS	OFFICE		
Α					
В					
TOTAL					

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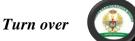
**QUALITY ASSURANCE** 

PAGE 1



SEC	TION A (40 MARKS)			
1.	What is the main natural source of heat?			
2.	When should one brush her / his teeth?			
3.	State one device that uses electro magnets to work.			
4.	How does a puff ball reproduce?			
5.	Why should a person include a solvent in preparing oral rehydration salts?			
6.	Why is carbon dioxide used in fire extinguishers?			
7.	The diagram below show a type of a leaf.  Name the type of leaf shown above.			
8.	How is debeaking useful in poultry farming?			
9.	Give one example of non-renewable resource in the environment.			
10.	How are eggs of birds able to carry out gaseous exchange?			
11.	Identify one cereal crop in the environment.			
12.	In the space below, draw a diagram to show convex lens.			

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13.	To which group of invertebrates does a water snail belong?				
14.	Give any one way white blood cells fight disease germs.				
15.	The diagram below shows a simple machine. Show the direction of movement of the wheels using arrows.				
16.	Which part of the human tooth protects it from injury?				
17.	State the function of the melanin found in the malphigian layer.				
18.	In which way are butterflies friendly to farmers?				
19.	Mention one disease which is controlled by encouraging people to wash hands after visiting a latrine.				
20.	What is the function of blood in the body?				
21.	Name the force which makes passengers in a bus to fall forward when the driver suddenly applies the brakes.				
22.	By what process does heat move from point A to B?				
23.	Mention the habitat for marine animals.				

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W	hat causes sleeping sickness in man?
Н	ow do conifer plants reproduce?
	ention any one reason for planting trees together with crops in the
5 <sup>-</sup>	tate the law of levers (moments)
	dentify one activity carried out in the community that leads to eforestation.
5 <sup>.</sup>	tate the method used to maintain moisture in the vegetable garden
 Gi	ve one importance of earthworms in the soil.
W	hich organ in the body stores bile?
Gi	ve one quality of laboratory manufacture drugs.
	tate one characteristic of seeds of dispersed by wind.

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an uses a torch which has 3 dry cells. What is the voltage of the ch?
an uses a torch which has 3 dry cells. What is the voltage of the ch?  at does an ovule develop into after fertilization?
at does an ovule develop into after fertilization?
· 
at name is given to the hair got from goats?
what importance is breast feeding to a mother?
SECTION B
diagram below shows two seeds germinating. Use it to answer
stions that follow.  Soil level
the type of germination shown in the diagrams M and N.
Λ:
V:
Which type of leaf venation does seedling marked M have?
Name the type of root system possessed by seedling marked N.

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42.	The arrangement of organisms below shows a food chain.
	Grass Locust Lizard Eagle
	(a) Use arrows to show the flow of energy among the organism.
	(b) Which organism is regarded as;
	(i) Producer?
	(ii) Tertiary consumer?
	(c) How are bacteria important in the food chain?
43.	(a) What do you understand by the term silting?
	(b) Identify one effect of silting.
	(c) Name one cause of silting.
	(d) Describe one way of conserving the environment.
44.	(a) Write any two activities which can be done by the family to promote family hygiene.
	ii)
	(b) State two ways how the community can be sensitized about health issues.
	i)
	ii)
45.	The diagram below is of the excretory organ. Use it to answer the questions that follow:

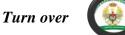
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(c) Besides kidneys	, name any other examp	ole of excretory organ.				
(a) How are bees in	nportant in the economy	y of a country like Uganda?				
Why is it a bad prac	tice to set an apiary in	the school compound?				
ive two causes of sv	varming in bees.					
i)						
ii)						
(a) Complete the table below:						
Disease	Vaccine BCG	site of immunization				
Polio	Polio vaccine	Upper right arm				
Whooping cough		Left upper thigh				
(b) Why is DPT vac	cine referred to as trip	ole vaccine?				
(a) State the diffe	rence between pitch of	sound and volume of sound.				
Vrite any two factor	rs which determine the	pitch of sound.				

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(a) Name the parts labeled Y and X.  (i) Y:  (ii) X:  (b) What is the importance of part marked Z in propagation?  (c) Name the type of roots marked P.  The diagram below shows the dispersion of light. Use it to answe questions which follow:	× 0	Z			
(i) Y:		<del>───₹</del> ─			
(i) Y:					
(i) Y:	a) Name the narts!	abeled V and X			
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	The diagram below	shows the disp		Use it to	answer
Glass of water	Glass of wate			P QKN F UV	В
(a) Name the parts marked A and B.	a) Name the parts i	narked A and B		- •	
(i) A:	(i) A:				
(ii) B: b) Name the colour marked R.					

(c) Why does a blue shirt appear blue?

(d) Write one example of an essential drug.

51. (a) What is drug misuse?

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Turn over



(c	) Why is it dangerous to buy drugs from any shop?
 (d	) Give one example of an essential drug.
(a	) Why is dustbin important in a home?
•	) Give two uses of windows on a house.
ii)	
(c	) Why are ventilators put at a higher level than windows on a house
TO	ollowing questions.
(a	) Name the type of movable joint shown below.
(b	) Name the part labeled Z.
(c	) How useful is the fluid marked K in the joint?
	<del></del>

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54.	Match the words in   A	ist A with those in list B. B				
	Kwashiorkor	lack of Vitamin D				
	Marasmus	lack of calcium				
	Rickets	lack of iron				
	Anaemia	lack of carbohydrates				
		lack of proteins				
	(i) Kwashiorkor:					
	(ii) Marasmus:					
	(iii) Rickets:					
	(iv) Anaemia:					
55.	(a) Why are snakes classified under vertebrates?					
	(b) Give any one example of poisonous snake.					
	(c) State one health practice that can help one to avoid snake bites.					
	(d) Give the first aid for snake bite.					
		*****				

\*\*\*\*\*GOD BLESS\*\*\*\*

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