

KARLMARX EDUCATION SERVICES

BEGINNING OF TERM TWO EXAMINATION 2023

PRIMARY FIVE

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

	Name: Stream: Read and follow these instructions carefully:			
		FOR EXAMINERS USE ONLY		
	1. This paper has two sections: A and B. Section A has 40 questions (40marks) and Section B	QN. NUMBER	MARKS	EXAMINER'S INITIAL
	has 15 questions (60 marks).	1-10		
	2. Answer ALL questions. All answers to both	11-20		
	Sections A and B must be written in the spaces provided.	21-30		
	3. All answers must be written using a blue or	31-40		
	black ball point pen or ink. Diagrams should	41-43		
	be drawn in pencil.4. Unnecessary crossing of work and any	44-45		
	handwriting that cannot be easily read may	46- 48		
	lead to loss of marks.	49-50		
	Do not fill anything in the boxes indicated; For Examiner's use only.	51- 53		
	-	54- 55		
		TOTAL		

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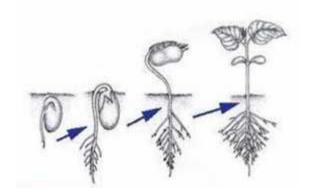
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Turn over

SECTION A

- 1. Name one component of air in the atmosphere.
- 2. Mention one immunizable disease whose vaccine is administered through an injection?
- 3. Why do we boil drinking water?
- 4. Write one example of domestic bird
- 5. Identify one reason why a chameleon changes its colour according to the environment.

The diagram below shows a type of germination.



- 6. Name the type of germination shown above
- 7. Write one function of leaves to plant?
- 8. Why is loam soil the best type for crop growing?
- 9. How are grits in birds similar to the teeth in man.
- 10. Which enzyme acts on cooked starch in the mouth?
- 11. Which element is promoted when one cleans his body?
- 12. Give one way of controlling the spread of malaria in homes?

13.	Fill in the missing gap.				
	Faeces Flies Food				
14.	4. Which food value is obtained from eating cassava?				
15.	5. What is the main source of heat in the environment.				
16.	Give one reason why earth worms come out of the soil soon after it has rained.				
17.	tate one use of leaves to people.				
18.	8. Write one example of a perennial crop				
19.	Why is it a good habit to bathe regularly?				
20.	O. Give one activity done to control many house flies in a school latrine				
21. How can a P.5 pupil promote Sanitation at home?					
22.	2. Give one function of sepals on a flower.				
23.	Draw and name the garden tool used for transplanting seedlings.				
24. - 25.					
26. f	In which system of keeping poultry are birds left to move eely?				

27.	Suggest one use of water at school.
28.	How long is an incubation period of a hen?
	Name one immunisable disease caused by bacteria.
30.	How does mulching control soil erosion?
31.	What name is given to air in motion?
32.	Why do bees visit flowers
33.	Name the best season for harvesting crops
34.	What form of energy enables us to see?
35.	Where does digestion of food begin from in man.
36.	Give a reason why a leaf floats on water.
37.	State the use of a drone bee in a hive.
38.	Give one example of poultry vice practiced by birds.
39. m	Why is breast milk the best food for a baby below 6 onths.





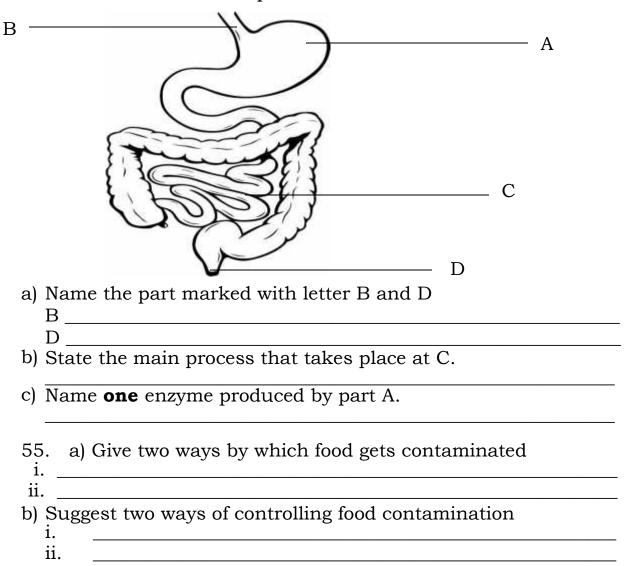
SECTION B

41.	a) What is soil?
•	ention any two types of soil.
	at is the suitable soil for making glasses?
 42.	a) Write O.R.S in full.
of C	
ii Sc	olute olvent
	ny do you think it is important to wash hands before
•	paring O.R.S locally?
43.	a) What is mulching?
•	e two uses of mulching to a farmer?
ii	me one material used for mulching?
—— 44.	a) What is photosynthesis?
——b) Sta	te two requirements needed for photosynthesis.
ii	
c) Wh	ny do you think photosynthesis cannot take place at night?
45. Ar	n experiment below was carried out by a P.5 Child Use it to
	swer the questions that follow. S S S S S S S S S S S S S

a)	Name the method used above
b)	What is the volume of the stone?
c)	Name the container marked A?
d)	Give one example of an irregular object
46	5. In one sentence, explain the term soil erosion.
•	Give two agents of soil erosion.
	Give one way how a farmer can control soil erosion in hilly areas.
	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
	How useful is a spur to a cock?
c)	State any one reason why William decided to keep poultry.
48	a) Mention the <u>two</u> methods of administering vaccines during immunisation.
•	State any <u>two</u> pieces of information found on a child health card.
49	2. a) What is the difference between a doe and a buck?
b)	Give one reason why farmers keep rabbits
c)	Mention two examples of exotic breeds of rabbits.
50	a) Name two main products got from bees.

51. Match the following immunizat	ole diseases to their vaccines	
correctly. Immunizable disease	Vaccine.	
Tetanus	BCG Vaccine	
Polio	Hep B Vaccine	
Tuberculosis	DPT Vaccine	
Hepatitis B	Sabin Vaccine	
(a) Tetanus		
(b) Polio		
(c) Tuberculosis		
(d)Hepatitis B		
52. What is digestion?		
) Name the type of food digested in	n the mouth.	
Write down two disorders of the i. ii.	digestive system.'	
i ii ii iii iii.	aning of the following terms:	
(i) Accident		
(ii) First aid		
(ii) First aid		
o) Point out any two reasons why a	a casualty should be given fire	
	a casualty should be given fire	

54. The diagram below shows the alimentary canal of man. Use it to answer questions that follow



END