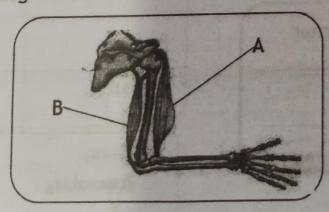
SECTION.A. (40 MARKS)

- 1. Name the part of the human ear that collects sound waves.
- 2. Give one use of a compost pit in a home.
- 3. In which one way does chlorophyll enable plants obtain food?
- 4. Mention one way in which breastfeeding can sometimes be a danger to a baby.
- 5. Name the part of onion which stores manufactured food.
- 6. State the way a generator works in production of electricity.
- 7. State one characteristic of fruits and seeds which are dispersed by wind.
- 8. How does brushing of teeth after every meal prevent tooth decay in humans?
- 9. Which structures enable lungs to carry out gaseous exchange?
- 10. Give one way maize plants prevent self pollination.
- 11. Write down one use of salt to a fish monger.

The diagram below shows a human arm. Study and use it to answer question 12.



abo	ove.
13. Stat	te <u>one</u> reason why people cover logs of wood with soil when making charcoal.
14. Men	tion the method used in separation of petroleum products.
100000	e <u>one</u> factor considered when selecting a pig to rear.
16. Wha	t happens to the diaphragm when a person breathes in?
17. State	any <u>one</u> adaptation of the chameleon to obtaining its food in the environment.
18. Which	h class of food plays the role of building the human body?
19. In wh	ich way can effort be reduced when using a plank of wood to load plastic water on a truck?
20. How i	s calcium an important mineral salt in the growth of teeth?
21. Give a	reason why it is not advisable to burst blisters in second degree burns.
 22. Name	the component of air that supports rusting.
 23. How ar	re bile salts useful in the digestion of fats in the duodenum?
24. State <u>c</u>	one way lightning is important to crop farmers.
	ne similarity between bacteria and fungi.
-	

26. Name the second stage in the life cycle of a cockroach.			
The diagram below shows a tuber crop. Study and use it to answer question 27.			
Inches of the state of the stat			
W.			
27. To which type of tuber crops does the one drawn in the above diagram belong?			
28. State one sign of a patient with hepatitis B.			
29. Give a reason why dew is formed at night.			
O In which and way do a DUCCY			
0. In which one way does PIASCY messages help a primary child to prevent the spread of HIV/AIDS?			
The said of a particular of a clay and a particular of a said of the said of t			
. Give a reason why cassava plants should be properly spaced.			
table on a trucket			
Name the force that makes car tyres wear out.			
and the state makes car tyres wear out.			
Which Sexually Transmitted Disease causes painful urination in infected men?			
How does wearing of gloves by a first aider prevent easy spread of certain diseases			
petween a casualty and a first aider.			
Stephen Entodicus land de lo prisone de la companya			
ate one advantage of keeping exotic breeds of rabbits.			
ace one devantage of Reeping exotic breeds of fabbilis.			
ate one way how stored sound can be reproduced.			
at name is given to stick frames on which poultry rest in a deep litter house?			

31

32.

33.

34.

35. S

38. Why do we see a lightning flash before we hear the sound of thunde	r? and w (a) (b)
39. State the way diarrhoeal diseases lead to dehydration in humans.	
- of year accessing orthogonal and a second	
40. Name the arachnid which produces live young ones.	earned in (a)
The diagram below shows	
The diagram below shows a property of magnets. Study and use it t	o answer question
NO DESCRIPTION OF THE PROPERTY	
S	
41. (a) State the above property of magnets.	
(b) Why does a freely suspended bar magnet rest as shown in the d	iagram above?
(c) How is the property of magnets shown above useful to pilots?	ion spend (St
(d) State <u>one</u> other property of magnets.	vob sanW (a) ab
42. (a) Name the plant process that helps in cooling plants during hot	days.
(b) Write <u>two</u> factors which affect the process you have named in	(a) above.
(i)	Independent
(c) How is the above process useful to the environment?	
THE PARTY OF THE P	
Below are signs and symptoms of an immunisable disease. Stud	ly and use them to
answer question 43.	
- Skin rash - Sores in the mouth	
- Fever	
- Red eyes	

(b) How does the abo	ve disease spread?
7	in all not be ware of the tree seal street each least to derivate the animals of
named in (a) above.	which a child can acquire immunity against the disease you have
(ii)	SECTION BY ISD MARKS
(i)	methods of family planning.
(b) State <u>two</u> effects	of frequent births.
(11)	
43. (a) Give two material	s used to make biogas.
()	
(b) Suggest one way h	ow biogas energy helps people to conserve the environment.
(b) Suggest <u>one</u> way h	ow biogas energy helps people to conserve the environment.
	mention one other clean alternative source of energy.
(c) Apart from biogas, 6. (a) Write down two ca	mention <u>one</u> other clean alternative source of energy.
(c) Apart from biogas, 6. (a) Write down two ca (i) (ii)	mention <u>one</u> other clean alternative source of energy. uses of soil erosion.
(c) Apart from biogas, 6. (a) Write down two ca (i) (ii)	mention <u>one</u> other clean alternative source of energy.
(c) Apart from biogas, 46. (a) Write down two ca (i) (ii) (b) How do the following	mention <u>one</u> other clean alternative source of energy. uses of soil erosion.
(c) Apart from biogas, 6. (a) Write down two ca (i)	mention one other clean alternative source of energy. uses of soil erosion. ng practices control soil erosion? teps in their correct order as used in cleaning clothes. ng, sorting
(c) Apart from biogas, 6. (a) Write down two ca (i)	mention one other clean alternative source of energy. uses of soil erosion. ng practices control soil erosion? teps in their correct order as used in cleaning clothes.
(c) Apart from biogas, 46. (a) Write down two ca (i)	mention one other clean alternative source of energy. uses of soil erosion. ng practices control soil erosion? teps in their correct order as used in cleaning clothes. ng, sorting

(a) Name the weather instru	ment marked:
(i) A	
(ii) B	
(b) State the use of weathe	r instrument marked;
(i) A	The state of the s
(ii) B	Labora lovors
(a) Mention two examples	of simple machines in second class levers.
(i)	
(ii)	in the machines
	sed in reducing friction in simple machines.
	· · · · · · · · · · · · · · · · · · ·
(**)	
(ii)	a used in measuring mass
(a) Give the standard units (b) Give a reason why it is	easier to push a wheelbarrow downhill than uphill?
(a) Give the standard units (b) Give a reason why it is	s used in measuring mass.
(a) Give the standard units (b) Give a reason why it is	easier to push a wheelbarrow downhill than uphill?
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i)	easier to push a wheelbarrow downhill than uphill? of objects that float on water.
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) Match the following diges	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes.
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) Match the following digest List A	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) . Match the following digest List A Saliva	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B sucrase
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) . Match the following digest List A Saliva Gastric juice	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B sucrase Trypsin
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) Match the following digest List A Saliva Gastric juice Pancreatic juice	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B sucrase Trypsin Ptyalin
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) Match the following digest List A Saliva Gastric juice	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B sucrase Trypsin
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) Match the following diges List A Saliva Gastric juice Pancreatic juice Succus entericus	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B sucrase Trypsin Ptyalin
(a) Give the standard units (b) Give a reason why it is (c) Mention two examples (i) (ii) Match the following digest List A Saliva Gastric juice Pancreatic juice	easier to push a wheelbarrow downhill than uphill? of objects that float on water. stive juices with their enzymes. List B sucrase Trypsin Ptyalin

The diagram below shows weather instruments, study and use them to answer question

52. (a) Write two vitamin related deficiency diseases	in the state of th
(i)(ii)	
(b) Give <u>two</u> examples of food stuffs rich in vitan	ninc
(i)	11113.
(ii)	
The diagram below shows a human heart. Study	y and use it to answer question 53.
B	
A NOTE OF THE PARTY OF THE PART	1(0)
(3 0 6 5 V) -c	
14335	
53. (a) Name the blood vessels attached to the heart	marked:
(i) A	marked,
(ii) B	
(b) To which body organ does blood vessel B trans	sport blood?
(c) Why does blood flow to the organ you have me	entioned above?
54. (a) Name the device that uses carbon dioxide to p	out out fire.
(h) Al-aria (h) Al	ACC AS ASSESSED ON TO CONTRACT OF
(b) Mention <u>two</u> places where the above device is	
(i)	William Committee of the Committee of th
(c) Why can't oxygen be used in device you have i	mentioned in 54 (a)?
``	
55. (a) Write <u>two</u> examples of vulnerable groups of pe (i)	
(ii)	
(b) State two factors that affect feeding patterns	in a community.
(i)	
(ii)	
END	