RABALE DIOCESE CATHOLIC PRIMARY SCHOOLS PRE - MOCK SET 2023 INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Candidate's Name: Candidate's Signature:	Index Number:	EMIS No.	Personal No.	
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Candidate's Signature:	andidate's Name:			
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District Name:				

Read the following instructions carefully:

- 1. The paper has two sections: A and B.
- 2. Section A has 40 questions (40 marks)
- Section B has 15 questions (60 marks).
- Answer all questions. All answers to both Sections A and B must be written in the Spaces provided.
- All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
- Unnecessary alteration of work may lead to loss of marks.
- Any handwriting that cannot easily be read may lead to loss of marks.
- Do not fill any thing in the boxes.
 They are for examiner's use.

FOR EXAMINERS USE ONLY			
Qn. No	MARKS	SIGN.	
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11 - 20			
21-30			
31-40		i ener	
41-43	Walter Agreem		
44- 46		Paris deposits	
47- 49			
50-52	and the State of the		
53-55	A Victoria		
TOTAL			

SECTION A 1. Name the parasite that spreads sleeping sickness to people. 2. Give any one way of caring for domestic animals . 3. Which form of energy stimulates the sense of hearing? 4. Apart from tasting and rolling food, Mention one other function of the tongue in the mouth. The diagram below shows an experiment about soil, use it to answer question 5 and 6. Water droplets Lid Dry lump of soil 5. What was the experiment testing about soil? 6. Why are water droplets formed on the lid as shown on the diagram above. 7. Name the weather instrument used to show direction of wind. 8. State the use of splints in giving first aid for fractures. 9. Give a reason why an egg is porous? 10. State one importance of adding crushed eggshells in layers mash 11. Identify the type of energy possessed by a rolling stone. 12. How can a mother protect her chilldren from deficiency diseases?

13. Where in the digestive system are fats first digested?

14. Mention any one method used to obtain clean water from dirty water.	
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15. Name	the Sexuall	y transmitted	disease	that cause	blindness	in un born	pables
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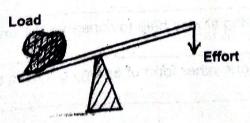
areas to proposed elicity to managable area was of treats.

16. In the space below, draw an electric switch.

17. What is echo?

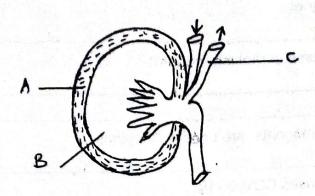
- 18. Give one way of controlling soil erosion in hilly areas.
- 19. Identify the smallest bone in the human body.
- 20. state any one way of controlling malaria in a home.
- 21. How is a duck billed platypus similar to a duck?
- 22. Give one factor one should consider when choosing a site for an apiary.
- 23. How is charcoal formed?
- 24. Mention one group of vertebrates that is cold blooded.
- 25. Give one way in which chemical changes are similar to biological changes.
- 26. Write down one example of vaccines given to babies at birth.
- 27. How is photosynthesis important to animals?

Below is a simple machine. Study and use it to answer Question 28 and 29.



28. Name the type of simple machine shown above.	P.7 SCIEN
29. To which class of levers does it belong?	
30. Write UNEPI in full.	
31. Which type of skeleton is found in cockroaches?	
32. Identify any one example of spore bearing plants.	
네트, 가는 보다 하다는 보통 등 보고 있다. 사람들은 마리를 보고 있는 것이 되었다. 그런	
33. Give one example of vulnerable groups of people.	
34. In which way are tendons important in the human body?	iodVX Vá
35. Name the structure mosquitoes use to suck blood from people.	
	*Vi-2. 93
36. State any one way of acquiring natural immunity.	hoos or
37. How is a blubber useful to sea mammals?	
38. Mention one way of controlling tick borne diseases in cattle.	5 10 E 10 E
39. State the importance of boiling water before drinking it.	non to
40. By what process are clouds formed from water vapour?	90 to \$25
SECTION. B	
41. (a) What are chemical changes?	
edo arre grada of Janebranes inclus cord brovens	
(b) Mention any two examples of chemical changes.	- comment
(b) Mention any two examples of chemical changes. (i)	9 AD A)
(II) and the second of the sec	
(c) Give a reason why moulting in snakes is said to be a biological chan	ge.
(i)	
42. (a) Mention any two examples of energy resources from plants.	18-74-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
(i)	
(b) How is the use of charcoal saving stoves help to conserve the envir	onment?
(c) Apart from heat energy, name one other form of energy got from the	sun.

43. Study the diagram of a kidney below and use it to answer questions that follow.



- a) To which body system does the kidney belong.
 - (b) Name the parts marked
 - (i) A:_____
 - (ii) C:______
 - (C)Identify the process that takes place in part marked A
- 44. (a) Which part of air is used in;
 - (i) Rurning:
 - (i) Burning: ______(ii) Fire extinguishers:_____
 - (b) State any one cause of fire out breaks in schools.
 - (c) Give one way of avoiding such accidents in schools.
- 45. Study the table below and use it to answer questions about it.

Study the table	Q	R
P	Frog	Chameleon
Monkey Goat	Toad	Geckos
	Service Control of the Control of th	Snakes
Man	Nile perch	I la list O and E

- (a) Give one similarity between animals in list Q and R .
- (b) To which group of vertebrates do animals in list P belong?
- (c) Give one characteristic common to animals in the lists P,Q and R.
 - (d) How are animals in list P different from animals in list Q in terms of reproduction?

46. (a) Define the term Magnet.	P.7 SCIENC
(b) Write down two methods used in making magnets.	
(I)	
(c) Give one way in which magnets are used in hospitals.	
7. (a) Name the germ that causes COVID -19	
(b) Write down two health habits done to control the spread of COVI	
(C) How does the use of face masks help in the prevention of COVII	
18. (a) Name the waether instrument used to measured the amount of rain received.	infall
(i) Put the above weather instrument in (a) in open places (ii) Raise the weather instrument 30cm above the ground?	
(c) What is the importance of a ceilometer as a weather instrument.	
9. (a) Write down two examples of social insects. (i)	
(ii) (b) Which type of lifecycle does a tsetsefly under go?	
c) In which way are honey bees harmful to people?	
50. Study the blood vessels below and use them to answer questions th	at follow.
K M	
30 6	

(ii) K (iii) M (b) How are structures marked P important during blood circulation? (c) Mention one structural difference between blood vessel K and M 51 (a) Write down any two examples of poultry vices. (i) (ii) (b) Give one way of controlling poultry vices among domestic birds. (c) Why are laying nests put in dark corners in the poultry house? (52 (a) Name the item drawn below. (b) How is the above item important in promoting personal hygiene? (c) Give two ways of promoting proper personal hygiene apart from bathing. (d) (e) Give two ways of promoting proper personal hygiene apart from bathing. (e) Give two ways of promoting proper personal hygiene apart from bathing.		SCIENC
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How is the above item important in promoting personal hygiene? (a) Give two ways of promoting proper personal hygiene apart from bathing. (b)	the item drawn below.	* 11 *
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	ays of promoting proper personal hygiene apart from bathing.	
) Identify the STD controlled using PIASCY messages.	ays of promoting proper personal hygiene apart from bathing.	
Name the best method that helps a P.7 pupil prevent the spread of sexually	ays of promoting proper personal hygiene apart from bathing.	

)	
(b) State any two advantages of see	d dispersal.
(i)	TR. SAMUEL THEHEYO.
55. Match list A to list B correctly.	ADMIN; SCIENCE TR'S PLATFORM AND COMMON MISTAKES IN SCIENCE B
A	
Kidneys	A sense organ for feeling. Filter blood
Skin	Produces bile
Lungs	Removes carbondioxide and water vapour
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(i) Kidneys	
(ii) Skin	(actions of the contract of th
(iii) Lungs	
(iv) Liver	Secretarion and the secretarion of