P.7 INTEGRATED SCIENCE EXA PRE-PLE TRIAL SET

Time allowed: 2 hours 15 minutes.	can farm	one way	In which		
Random No. Personal No.					
	lightning	eson why	Give a re		
Candidate's Name:	24305				
Candidate's Signature.					
School Name:	**************		Mantian		
Read the following instructions carefully					
1. This paper is made up of two sections: A and B.	FOR EXAMINER'S USE ONLY				
2. Section A has 40 questions (40 Marks)	PAGES	MARKS	SIGN		
 3. Section B has 15 questions (60 Marks) 4. Answer ALL questions in both sections A and B. 	Page 2	a twing a	eant unw		
5. All answers must be written in the space provided in blue or black ball point pens and ink. Only diagrams	Page 3		472.50		
should be done in pencil. 6. Unnecessary crossing of answers will lead to loss of marks.	Page 4	<u>al</u> -08 II	AH 91.194		
7. Any handwriting, which cannot be easily read, may lead to loss of marks.	Page 5	Sand Alm	2013 231D		
8. Do not fill anything in the boxes indicated for	Page 6	wolse ma	The diagr		
Examiners' use only.	Page 7				
Teacher's comment to the learner	Page 8	Section of the sectio			
	TOTAL				
The second services	Approve	d by:			

Team Head Science Dept.

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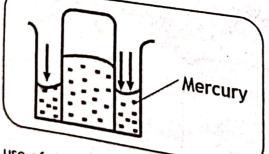
Page 1 of 8

SECTION.A. (40 MARKS)

- 1. Name the structures that attach a bone to a bone in the human skeletal system. 2. Give the name of an arachnid that gives birth to live young ones.
- 3. In which one way can farmers prevent their layer birds from laying soft shelled eggs?

 - 4. Give a reason why lightning conductors should be installed on tall buildings.
- 5. Mention any one way of reducing echo in cinema halls.
- 6. Name the component of air which is given out as a byproduct of respiration.
- 7. State one way uranium is used as an energy resource.
- 8. Why does a polythene bag float on water?
- 9. Write down any one characteristic of essential drugs.
- 10. Give one way a magnet is useful to a doctor in a hospital.

The diagram below shows weather instrument. Study and use it to answer question



- 11. State the use of the above weather instrument?
- 12. How does mulching improve soil fertility?

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	5. Name the type of change happening in the above diagram is hair
4. State the way hair o	6. Give a reason why intercostal muscles control when a new or the human skin behaves during coloness.
the second secon	
5. Name the vaccine w	which protects babies against tetanus.
6. Give a reason why p	people are encours at the people are encours at the people are encourse at
	people are encouraged to feed on a balanced diet.
7. State <u>one</u> way how	seed dispersal is important in the environment.
· BOSO MARKET	anspersar is important in the environment.
18. Name the body part	consupers and a second state of the second o
10.5	of an insect that enables it to detect bad smell.
19. Give one way how a	a dustbin helps people in a school to promote sanitation.
	Section of the Late of the section of the Late of the
20. Why are we unable	to see a moving vehicle in a corner?
21. Mention the use of	ventilators on a living house.
	soil replaced naturally with the help of bacteria?
23 State the investigation	end properties and the less of the person of the State of the first and the
e the immediat	e effect of diarrhoea in humans.
24. Give <u>one</u> way dome	estic animals benefit from agroforestry.
	and it diff distributes try.
The diagram below	v shows a type of all
<u></u>	shows a type of change. Study and use it to answer question 25.
	Calonical and an or in the state who would
	flame
C.	rubbish

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25. Name the type of change happening in	the above diagram.
26. Give a reason why intercostal muscles	contract when a person breathes in.
E. O. C.	4 that dehydrates food.
27. Mention one method of preserving foo	The That is slowed to the same of the
28. State the recommended first aid for fa	inting.
29. Write down <u>one</u> advantage of rearing lo	ocal breeds of rabbits.
30. Suggest one way a school can prevent i	ts children from practising antisocial behaviou
THE STATE OF THE STATE OF THE	COLUMN CO
. Name the sex hormone produced by te	stes of male human beings.
2. Give <u>one</u> way water is used to promote	Primary Health Care.
3. Give any <u>one</u> characteristic of poisonou	us snakes.
4. In which way is yeast useful to humans	
	of magnets. Study and use it to answer
	constitution and the same
S N V	in that the state of a forther provider and a state of
35. Name the pole marked V.	E to make a typic of the to th
36. Give <u>one</u> way how rusting is dangerous	to metallic garden tools.
	Marie Tales
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one evam	ple of thermometric liquids		
Name <u>one</u> exam	pic of thermometric tiquids		
State the import	tance of transpiration in pla	ants.	
How are incisors	adapted to biting food?		
	SECTION B:	: (60 MARKS)	
	examples of energy resource		fuels.
(i)			Mayo en la Maria
\·/-	electricity is obtained by b		
	oduction of the above type	of electricity dangerou	is to the
environment?			
			The main the
Complete the t	able below about immuniz	ation	
Disease	Sign	Vaccine	A Edite
Polio		Polio vaccine	
4	Swollen neck	DPT vaccine	A
Tetanus	Aller Control of the	DPT vaccine	
	Chronic dry cough	BCG vaccine	
(a) Write <u>two</u> sig	ns of pregnancy in women.		
(i)(ii)	- 2.		
	in a set a program	mother	
i) Mention two	requirements of a pregnant	mother.	
ii)	and the property of	or second of the tree family o	on the great or the same of the same
a) How is each o	f the following a useful con	nponent of an electric c	ircuit?
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	TOWN HOUSE	and the same	
	and the second s		
ii) Fuse			
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	b) state <u>one</u> danger of using naked Wires in setting up an electric circuit
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other (b) Name **E**

amphibians apart frogs and toads.

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examples

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(E) Ξ

examples of materials made out of clay (a) Give two 46.

 Ξ

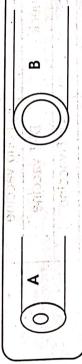
one reason why (b) Write Ξ

clay soil

is preferred in making clay materials.

(c) How are clay made materials made harder?

answer and use them to Study show types of blood vessels. The diagrams below question 47



of blood vessel marked; 47. (a) Name the type

14

31.14

(i) A

(ii) B

(b) Which structural characteristic helps you to differentiate the two types of blood vessels?

(c) How do the two blood vessels differ in terms of the way they carry blood?

48. (a) How are the following types of bees useful in the hive?

(i) Drone bees

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	omes.		washed away by flowing	environment.	e it to answer question		agram.	rities.	ů.		1.5.	
wo products made out of beesway.	(i)————————————————————————————————————	soil erosion?	form of water erosion in which the top soil is washed ly.	erosion in the	simple machine, study and use it to answer questions		simple machines shown in the above diagram.	above machine in our daily life activities.	e mechanical advantage of the above machine.	· · · · · · · · · · · · · · · · · · ·	(a) Give <u>two</u> ways farm records are important to cattle farmers	
(b) Mention two products made out of pressure. (i) (ii) Aive two human diseases spread by mosquite.	down two ways of cont	(ii)(ii)	(b) Name the form of water erosi water uniformly.	(c) Mention two dangers caused by soil	(ii) The diagram below shows a simp	400N 2m	51.(a) Name the class of simple mach	(b) Give <u>two</u> uses of the above ma (i) (ii)	(c) Calculate the mechanical adva		0 ways farm records are	