

## **BROAD EXAMINATIONS®**

## P.7 INTEGRATED SCIENCE EXAMINATION PRE - PLE TRIAL SET V 2024

Time allowed:	2 hours 15	minutes.
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Pu	pil's Name:										
E	MIS Number:										
Di	strict Name:										
	Read the following instructions carefully:	FOR EXAMINER'S USE ONLY									
1.	This paper is made up of two sections: A and B.	PAGES	MARKS	SIGN							
2.	Section A has 40 questions (40 Marks).	Page 2									
	Section B has 15 questions (60 Marks).  Answer ALL questions in both sections A and B.	Page 3									
5.	All answers must be written in the space provided in blue or black ball point pens and ink.	Page 4									
6.	Unnecessary crossing of answers will lead to loss of marks.	Page 5									
7.	Any handwriting, which cannot be easily read, may lead to loss of marks.	Page 6		5							
8.	Do not fill anything in the boxes indicated for Examiners'	Page 7									
	use only.	Page 8									
_		TOTAL									
	Teacher's comment to the learner										
		Approved by:  Approved by:  Team Head Science Dept.									

Broad Educational Consult, Tel: 0486 - 442077, 0786-65930i, 0772-864523Page 1 of 8 P.7 Science Pre - PLE Trial Set V 2024 FOR ACADEMIC EXCELLENCE, AVOID MISSING BROAD HOLIDAY PACKAGES, WORK BOOKS & PAST PAPER BOOKLETS.

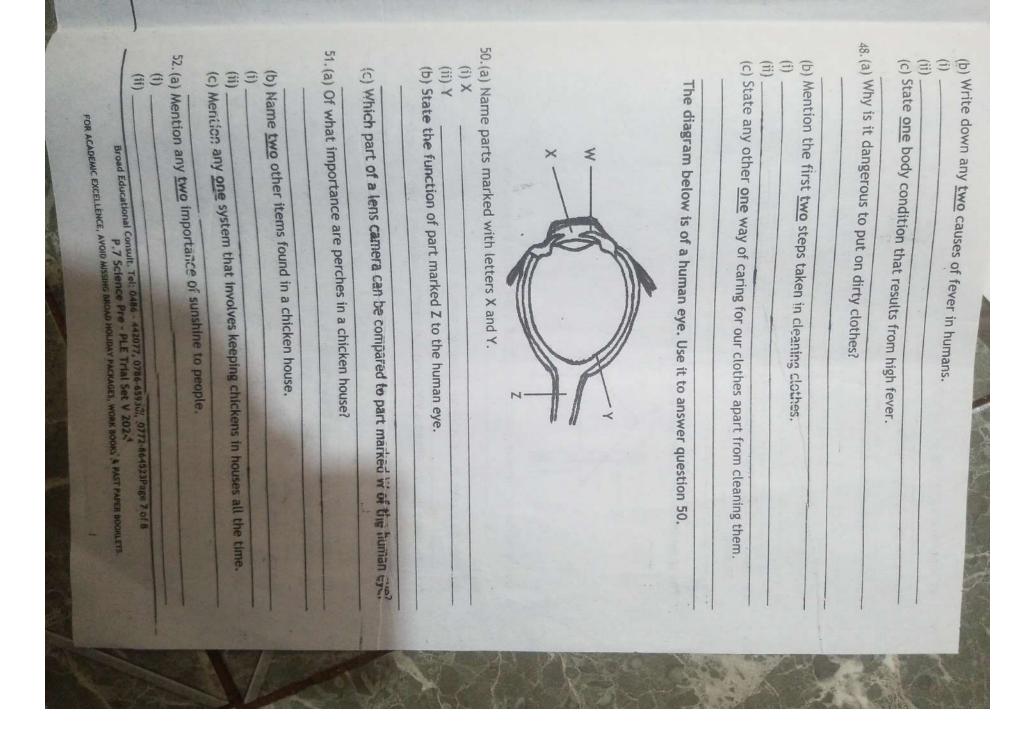
1.	Name any one simple machine that belongs to second class levers.
2.	Write down any one good effect of chemical changes in the environment.
3.	Which group of flowering plants produce seeds with two cotyledons?
4.	State the function of joints in the human body.
5.	How do farmers break seed dormancy before sowing seeds?
6.	Why should drugs be kept in properly sealed containers?
7.	The diagram below shows a type of lens. Use it to answer question 7.  Complete the diagram to show the effect of the above lens on a parallel beam of light.
	In which way do tsetse flies spread nagana to cattle?
).	Which physical process involved in the water cycle is caused by heat gain?
0.	How are small hairs found in the respiratory tract important?
1.	Name the group of arthropods that has at least a pair of legs on each segment.
2.	How does regular bathing help to promote personal hygiene?
3.	Write down any one advantage of bottle feeding to a family.

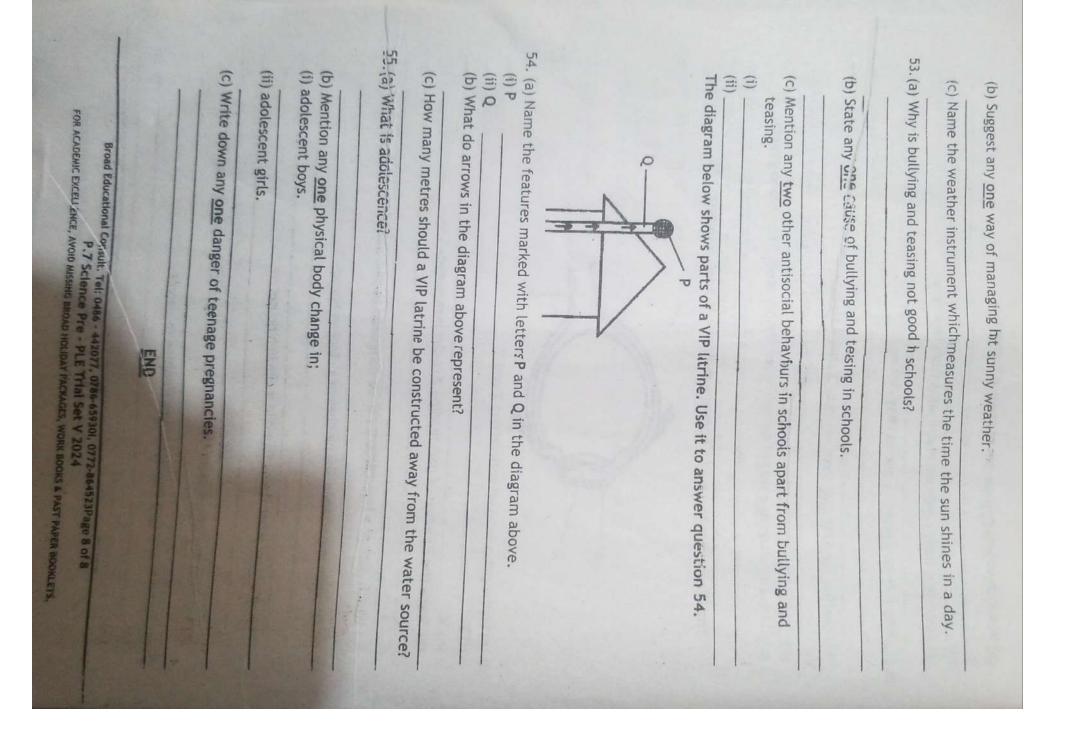
The diagram below shows a mustal	
The diagram below snows a musical instrument. Use it to answer question 16.	s 15 and
strings	
A STATE OF THE STA	
. To which group of musical instruments does the above instrument belong?	
Of what use are the strings found on the above musical instrument?	1
. How are sea mammals like whater adapt to 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:	
. How are sea mammals like whales adapted to living in cold waters of seas?	odio sat
. Which property of magnets helps in resetting a six's thermometer?	
The standard of the standard o	
How is grooming of fingernails important to human health?	
A Software State of the Software Company of the Software State of	I I WAS
How does a tortoise protect itself from enemies?	
The state of the s	mainings) :
Give any one way in which plants depend on other plants in the environment.	12 27 7.
Control of the state of the sta	N. S.
The diagram below shows an irish potato tuber. Use it to answer question	22.
x (6 ' 6)	
4660	
What is the function of part marked X to an irish potato?	

23.0	Give any one importance of seed dispersal in the environment.
24.1	Name the energy resource which is essential in winnowing.
25.1	n which <u>one</u> way does the human skin reduce body temperature?
-	E 1165
26.5	Suggest any one way schoolchildren can care for their body organs.
27.\	Write down any <u>one</u> use of echo to people.
28./	Mention any one way of reducing friction in moving parts of machines.
	The diagrams below show the states of matter. Use them to answer question 29.
29.	How is heat transfer in state of matter P different from that in state of matter X?
30.	Mention any one disease which attacks white blood cells.
31.	Give any one factor that leads to alcoholism in young people in a community.
32.	Write down any <u>one</u> activity of a health club in a school.
33.	Apart from leaving food uncovered, mention any one unhealthy practice that leads to food contamination.
34.	Name any one example of plants which reproduce by means of spores.
35.	State any one advantage of castration in cattle management.
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Why do humans and
. Why do humans tend to urinate more frequently during cold weather?
State the role of bile salts in the digestion of food.
Give one danger of using small sharp sticks for cleaning ears.
9. In which <u>one</u> way can animals be used as resources in the environment?
0. How do infants acquire immunity against childhood killer diseases?
SECTION .B. (60 MARKS)  1. (a) Name the disease which is spread by rabid dogs to humans.
(b) Mention any two examples of vectors which spread diarrhoeal diseases.  (i)  (ii)  (c) State one way family members can help in controlling disease vectors at home.
The diagram below shows a method of finding volume of an irregular object. Use to answer question 42.
70cc Second level 60cc 40cc 30cc First level
42. (a) Name the method used to find volume of an irregular object shown above.
(b) Name the instrument marked P used in finding the volume of an irregular object.

(a) I	How is oxygen important in the process of respiration?
-	
(b) '	Where does respiration take place in the human body?
(c)	Which part of air is increased in the atmosphere during respiration?
(d)	How is respiration an important process in living things?
(a)	Mention any two examples of animal fibres.
(i) (ii)	To sale assertion of the first part of the same of the
(b) (i) (ii)	Give any <u>two</u> animals that provide us with fibres.
	Size role or opaque objects in the formation of shadows.
(h)	Which type of shadows is caused by total obstruction of light?
10)	Describe how solar eclipse is formed.
(d)	Apart from solar eclipse, name one other type of eclipse.
. (a)	State a reason why trees are first planted in a nursery bed.
(b)	Give any two characteristics of trees which can be grown in agroforestry.
(ii) (c)	Mention the method of harvesting trees for timber.
. (a)	What is the recommended first aid for fever?





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It removes the hiding places for germs	Magnetism can pass through him	have blubber to remain warm in construction	are used in cold unitare	red to tighten or loosen the skin.	Percussion musical instruments	aying using insections of	tides/regular weeding/	Bottle feeding is cheap to manage/it's time saving		killing germs on the body/removes sweat from the	Regular bathing removes dirt from the body/by	ods	They filter air entering the nose,	ation	Through biftes	##	##		vent drug contamination	Transfer seeds in water/by heating some seeds.		Joints help the body in movement/enable the body	Dicotyledonous seeds	food/etc.	adds increase in formation of humus/rusting	and the openier of the principal of the openier of	Wheel barrow/nut cracker/bottle promot/burner	P.7 SCIENCE PRE PLE TRIAL SET V 20	
P.4		77	D A	P.6	P.6		P.4	P.51			P.4	P.7.	P.6	P.4	P.6		7.	4	P.6	P.4		P.7	. P.4		P.5		CLASS	RIAL SET	
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Minute of the second	properties of magnets.	Examples of mammals	volume.	Meaning of pitch, frequency and	Other classes of musical	Pest damages.	Meaning of pests	Meaning of weaning babies.  Importance of weaning.	hygiene.	Indicators of poor personal	Tools used to promote personal	Classification table of animals.	Respiratory organs.	Components of water cycle.	Types of cattle. Their shapes.		Optical instruments. Their uses.	Types of drugs.	Meaning of drugs.	Meaning of seed dormancy.  Meaning of seed viability.	Parts and functions.	Structure of the human skeleton.	Types of germination.	Examples of types of changes.	Other types of changes.	Classes of simple machines.	RELATED CONTENT		

