RBROAD EXAMINATIONS©

PRIMARY LEAVING SPECIAL EXAM

2024

INTEGRATED SCIENCE

Time officerd 2 hours 13 minutes.

s' and date 's Name

Cardidate a Suposhire

School Name

Read the following instructions carefully:

- 1. This paper is made up of two sections. A and B
- 2 Section A has 40 questions (40 Marks)
- 3 Section B has 15 questions (60 Marks)
- 4. Arrayes ALL questions in both sections A and B.
- All unswers must be written in the space provided in brue or brack ball point pens and ink. Only diagrams should be done in pencil.
- 6. Longer stary crossing of answers will feath to loss of marks
- Any least uniting, which cannot be easily read, may lead to loss of marks.
- 8 Do not fill anything in the boxes indicated for Examiners' use only.

FOR EXAMINER'S			
QN.No		INITIALS	
1-10			
12-20			
21-30			
31-40			
41-43			
14-46			
47-49			
50 52			
53-55			
TOTAL		-	

Broad Educational Consult 2024. Tel: 0486 - 442077 1/86-659168, 0772-864523Page 1 of 12.

P. 7 INT. SCIENCE SPECIAL EXAM 2024

FOR ACADEMIC EXCELLENCE, AVOID MISSING BRUAD HOLD DAY PACKAGES, WURK BOOKS & PAST PAPER BIOMETERS.

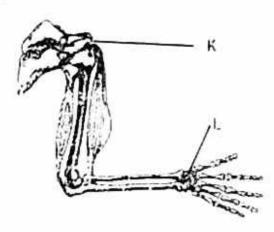
	SECTION A. (40 Marks)
1. Name	the crop growing practice which reduces the weight of a crop-
1000000000	any <u>one</u> way smoking affects a pregnant mother.
3. Write	down one function of mycelium to a fungus.
4. Name t	tick causes blindness in newly born babies.
The dia	he Sexually Transmitted Disease which causes a second serior services of the sexually Transmitted Disease which causes a sexually a sexually a sexually a sexual s
	B
5. State the	function of part marked B.
6. Name the	form of energy stored in dry cells.
7. Give any o	ne reason the pen of goats should be built with a slanting floor.
8. Name the m	ethod farmers use to propagate cassava.
	n why a VIP latrine should not have a lid for the squat hole.

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1 -iten00	nous components excreted by the kidneys.
10. Mention one example of nitroge	nous components excreted by the kidneys.
	myriapods.
12. How is an eagle adapted to tear	ing to p 7.
3 Give a reason why the legs of a	fainted person are raised to a higher level than the
head when giving him or her Fir	st Aid.
	1 (2000) 2000 (1000) とうじょうのは12.22 (2014年 17年 17年 17年 17年 17年 17年 17年 17年 17年 17
	a to a liverwort plant.
	m to a divervoir p
5. In which one way is the pupil o	f the human eye similar to the aperture of a lens
and function?	
s same and sale played by the to	angue during digestion of food.
How does mulching control soil	Lerosion?
The diagram below shows par	t of the human skeleton. Study and use it to answer



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18. Nar	ne the joint found at part marked K.
to Stat	e any one similarity between joint K and L.
20. Give	a reason why the elderly should be fed on soft food.
21 Wote	the type of castration which involves the use of burdizzo.
22 Why is	a frog able to live both on land and in water?
· ·	
23. Name t pregnar	he passage through which food nutrients and oxygen reach the foetus during icv.
24. How 15 1	ranspiration in plants important to the environment?
25. State <u>one</u>	danger that my result from sharing clothes among schoolchildren.
	way of increasing the strength of an electromagnet.
27. Name the ii	nner layer of the human skin.
	ason why water obtained by filtration is not good for drinking.
	nal disease involves passing out blood stained watery stools?

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30 State one way weeds low crop yields.
31. Write down any one characteristic of insect pollinated flowers.
32. Give any one way poultry farmers can keep their poultry busy to control them
The diagram below shows a boy using a pulley. Use it to answer questions 33 and 34.
33. Identify the activity being done by the boy in the diagram.
34. State <u>one</u> advantage of using the type of pulley the boy is using.
35. State <u>one</u> characteristic of objects whose volume is found using displacement method.
36. Write the change of state of matter used to convert milk into ice cream.

117

Broad Educational Consult 2024. Tel: 0486 - 442077, 0786-659301, 0772-864523Page 5 of 12 P.7 INT. SCIENCE SPECIAL EXAM 2024

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		ed blood from the lun	
19. State one way bables a	cquire natural immun		
io. State any <u>one</u> role of a c	community in the pro		
	SECTION .B. (60 MARKS)	
(a) State the use of the fo	ollowing equipment	in a dairy farm;	
(1) Strip cup			
P000		***************************************	***************************************

i) Lactometer			
	*******************************	***************************************	***************************************
Give any two measures			

diagrams below show i	different animals i	the environment	. Study and use
to answer question 4	2.		
2002		Α	
The state of the s	184	Q.	
		~	1 a

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P. 7 INT. SCIENCE SPECIAL EXAM 2024
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42 (4)

(17)

(0

4

b) State the relationship among	the above three animals in the diagrams.
 How does animal A differ fro 	m all the other animals in the diagrams above?
d) In which <u>one</u> way is animal (useful in our environment?
	late statements of question 43.
	lete statements of question 43. Function or what it contains
Component of blood	
Plasma	helps in blood clotting
Red blood cell	has nucleus
White blood cell	has haeomoglobin
Platelets	transports dissolved substances such as digested food
Plasma	
S. d blood call	
) White blood cell	
) White blood cell	

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• 44. (a) Write down any two qualifies of laboratory manufactured drugs.	W
10)	N
(II)	M
(b) Why should the sick take laboratory manufactured drugs following instructions	W
given to them by doctors?	W
B. T. C. T. C.	N.
(c) How is drug misuse different from drug abuse in the use of drugs?	
	1
Apecky's children were suffering from a certain immunisable disease and showed	1
the following signs/symptoms. Study and use them to answer question 45.	
- High fever	
Stiff muscles	
- Spasms when touched	
- Stopped sucking milk from mother's breasts	
45. (a) Name the disease the child was suffering from.	
(b) Which vaccine is administered to babies to prevent the above disease?	
(c) State the way the disease you have mentioned in (a) above spreads.	
(d) Write down any one role of a parent during immunization	Ô
(d) Write down any <u>one</u> role of a parent during immunization.	

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45.

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on tray

How does each	of the following cause lo	oss exhaustion in farmers	' gardens:
(i) Soil erasion?	THE A PART WELL ADDITION BY A PARTY OF THE WAY		
7.00	***************************************		
(ii) Leaching?			

(b) Give two comm	ion practices farmers de	o to restore soil fertility	in their gardens.
(1)			
(ii)			
The diagram below	shows an eye defect.	Study and use it to ar	swer question 47.
117 CHINESCAN TO THE PROPERTY OF THE PROPERTY	<u> </u>		
47. (a) Name the type of	of eve defect in the ab	ove diagram.	
47. (a) Name the type o	ii eye derece iii tile do	ove olugiani.	
(b) Write down two	causes of the above e	eye defect.	
140 /401			
	ed to correct the abov		
		t accept	
48. (a) Write any <u>two</u> na			
(i)			
(6)			

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[") Which method of heat transfer helps a black smith in making metals soft to be
	easily shaped?
	Apart from melting, mention one other effect of heat gain on metals.
(c)	Apart from melting, mention one other effect of the g
49. (a) V	Vrite down two structural differences between a worker bee and a queen bee.
(1)	
(ii)	
	ate any <u>two</u> roles of worker bees in the hive.
(fi)	
50. (a) Nam	e the disease spread by the following vectors;
(i) Black	

(ii) Fema	le anopheles mosquito

b) How do	the above vectors spread disease causing germs to humans?
***************************************	***************************************
	one way of controlling vectors in a home.

Broad Educational Consult 2024. Tel: 0486 - 442077, 0786-659301, 0772-864523Page 10 of 12

P.7 INT. SCIENCE SPECIAL EXAM 2024

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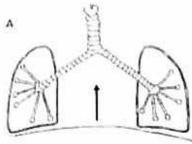


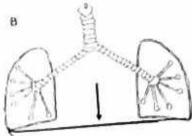
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51. (

5

Study the diagrams below and answer question 51,





51 (a) To which body system do the above diagrams belong?	
(b) What type of breathing is shown by diagram;	******
(I) A?	************
(ii) B?	Salvacosave III
(c) What role is played by air sacs in breathing?	
***************************************	V
52. (a) Mention any two examples of vitamin related deficiency diseases.	*********
(1)	
(ii) disciplinated the second control of the second control	eases.
(b) State any two food stufts we eat to avoid vitamin related deficiency dis	
(1)	
(ii)	
to Work down any two properties of sand soil.	
443	
(ii)	••••
(b) Give any one importance of sand soil to people.	08698888 9444

(c) Apart from sand soil, name any one other type of soil.	
54. (a) Mention one disease that affects both poultry and rabbits.	

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	(b) Give a region why ration faciners countries countries countries. (i) whe mesh	
	(II) ransest fictions	
	(c) What name is given to manufactured feeds of rabbits!	
	(c) What have it gotten 55	
	The diagram below shows a plant process. Study and use it to answer question 55	
	24-	
	A	
	11	
	1/	
	Vi	
a) ic	dentify the plant imcess taking place in the above diagram.	
1997	ich substance is exabling the above plant to obtain condition A?	
Stat	te the vote of the condition marked A to the above process.	
	A CONTRACTOR OF THE CONTRACTOR	
145217	e the byproduct marked B.	
-		
	END	_
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.41	P. 7 INT. SCIENCE SPECIAL EXAM 2024	