MEVID EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATIONS - PRE MOCK

SET ONE, 2023 INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.	Random No.

Random No. Personal No.

Candidate's Name:	······
Candidate's Signature:	
District:	

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

- Do not write your school of district name anywhere on this paper.
- This paper has two sections: A and B. Section A has 40 questions and section B has 15 questions.
- 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. Any work written in pencil will not be marked.
- Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
- Do not fill anything in the table indicated: "for examiner's use only" and boxes inside the question paper.

FOR EXAMINER'S USE ONLY

Qn. No	MARK	EXR'S NO.
1 – 5		
6 – 10		
11 – 15		
16 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
31 – 32		
TOTAL		



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Turn over

SECTION A

1.	Name any one animal that is kept by people at home.
2.	State type of skeleton that is found in earthworms.
3.	Study the list of plants: mango, beans, pine and tomatoes. How are the above plants similar in terms of reproduction?
4.	Calculate the density of a body which has a mass of 180g and the volume of 90cm ³
5.	Give any one part of a flowering plant that makes up the shoot system.
	The diagram below shows a tool found in our home. Use it to answer questions that follows;
	A
6.	What is the use of the above tool at home?
7.	Why do small drums produce higher pitched sound than big ones?
8.	How are antennae useful to a bee?
9.	Apart from carbohydrates, name any other class of food.
10	What is the importance of soil to an earthworm?
11	.State the body system to which the heart is found.
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12 Give the reason why childrenare immunised with BCG vaccine.
12 Give the reason my
13 How can bad breath from the mouth be controlled in human beings?
13 How can bad breath new trees
14 Give any one way of controlling diseases.
the AE and 46
The diagram below shows a packet of drug. Study and use it to answer questions 15 and 16
Paracetamol 2 x 3
15 Name the above drug.
16 What does "2x3" on the above packet mean?
17 Which fungus helps in fermentation of juice to make wine?
18 How do people make use of skins from rabbits?
19 State any one use of a hoe to farmers.
20 Give one use of wind to plants apart from pollination.
21 Which type of change is rust of iron sheets?
22 State the characteristic which enables a housefly to spread germs.
23 Which part of the respiratory system separates the chest cavity from abdominal cavity?
24 Give one reason why farmers rear goats.
25 Why are rocks and minerals called non- renewable resources?
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The diagram below shows a foot of a bird. Use it to answer questions that follow.



26	To which group of birds does this birdbelong?
27	Name the gas which is produced during respiration.
28	How are spores useful to a mushroom?
29	Give the basic unit of measuring mass.
30.	Name one way of promoting milk hygiene.
31	Why should cassava be dried before storing it?
32	Name the method of heat transfer in solids.
33	How does smoking help to preserve fish?
34	Give one reason why weeding is an important farming practice.
35	Name the form energy that stimulates eyes.
36	Give one reason debeaking poultry.
37	Apart from raping, give one other way sound is stored.
2000	

The diagram below is of a cell. Use it to answer questions that follow;



- 38 Give one function of the cell shown in the diagram.
- 39 Write the stage in the life cycle of a mosquito controlled by pouring oil on stagnant water
- 40 Which type of poultry feeds are given to birds kept for egg production?



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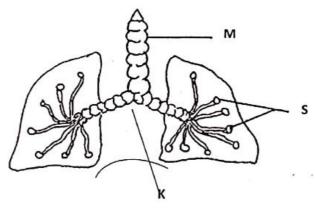
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SE	CT	ION	В

41 a) i)			of long bones found in the human body.
ii)		•••••	
b)			hat strengthens bones in the body.
c)	Which t		pinsmuscles to bones?
42 Mat	ch the eq	uipment in A with tl	heir uses in B on cattle farm.
		Α	В
	i)	Lactometer	for castration
	ii)	Strip cup	for branding
	iii)	Burdizzo	for detecting water in milk
	iv)	Iron metal	for detecting mastitis in milk
	i) L	actometer	
	ii) S	Strip cup	
	iii) E	Burdizzo	
	ı∨) I	ron metal	
43 a)	What a	dvice can you give	to a farmer whose crops normally get attacked by pests?
b) i)	Mention	two ways of increa	asing crop yields in the garden.
c) ii)			ores its food in roots.
44 The c	liagram l	pelow is of human	lungs. Study and answer questions that follow;



a) Na	me the p	parts marked;
i)	М	
ii)	Ν	



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b) State the use of lungs in the body.
c) Name the body organ that is found in position marked K.
45 a) Name two examples of man –made changes in the environment.
i)
b) Write any two negative effects of prolonged sun shine in the environment.
i)i)
46 a) Mention the type of electricity that is produced by rubbing two insulators together.
b) Name any two uses of electricity in our homes.
i)
ii)
c) Give one way how magnets are useful in homes.
47 a) Give any two reasons for giving first aid.
i)ii)
b) Name two materials that can cause scalds at home.
i)ii)
The diagram below shows the system of rearing poultry. Study and use it to answer questions that follow;
a) Name the system of rearing poultry shown in the diagram above.
b) Name any two systems of rearing poultry apart from the above.
i)
ii)
c) Mention any one advantage of the above system.
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49a)	
i) ii)	
b)	Write two items used to promote hygiene. i)
50a)	ii) Name the layer of soil that contains a lot of humus.
b)	Write any one use of soil apart from crop growing.
c) i) ii)	Mention two ways of controlling soil erosion on a hilly area.
51	The diagram below are mammals. Use and use them to answer questions that follow;
	A A B B B B B B B B B B B B B B B B B B
a)	Name the group of mammals to which the above mammals belong. A
b)	What helps the mammal in A to remain warm yet it lives in water?
c)	How is the organism marked B adapted to its mode of feeling?
52a)	Name the enzyme that digest carbohydrates in the mouth.
o) i)	Mention any two uses of saliva in the mouth during digestion.
ii) ;)	How is the ileum adapted to its function in the process of digestion?
i3a)	Name one use of the human ears to the body apart from hearing.



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b)		Name any two ways of caring for the human ears.
	i)	,
	ii)	
c)		Mention the part of the human ear that carries impulses to the brain
54	a)	Name the form of energy that increases temperature of matter.
	/	
b)		Mention the type of energy that is possessed by an object;
	8	i) At restii) In motion
c)		Give any one natural source of heat apart from the sun.
55		The diagram below shows water cycle. Study and use it to answer questions that follow;
		sun A
		6/
		B A A A A A A A A A A A A A A A A A A A
		Water body
	a)	Name the type of clouds represented by letter A.
		State the processes by taking place at;
		i) B ii) C
		What is the use of the sun in the above water cycle?

<u>END</u>



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