

MEVID EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATIONS - PRE MOCK

SET ONE, 2023

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No.

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District:

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

FOR EXAMINER'S USE ONLY

1. Do not write your **school** of **district** name anywhere on this paper.
2. This paper has two sections: **A** and **B**.
Section **A** has **40** questions and section **B** has **15** questions.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"for examiner's use only"** and boxes inside the question paper.

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		

SECTION A

1. Name any one animal that is kept by people at home.

2. State type of skeleton that is found in earthworms.

Study the list of plants: mango, beans, pine and tomatoes.

3. 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 **90cm³**

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;



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?

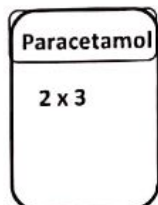
11. State the body system to which the heart is found.

12 Give the reason why children are immunised with BCG vaccine.

13 How can bad breath from the mouth be controlled in human beings?

14 Give any one way of controlling diseases.

The diagram below shows a packet of drug. Study and use it to answer questions 15 and 16



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?

The diagram below shows a foot of a bird. Use it to answer questions that follow.



26 To which group of birds does this bird belong?

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?

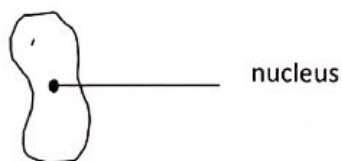
34 Give one reason why weeding is an important farming practice.

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.

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?

SECTION B

41 a) Name any two examples of long bones found in the human body.

- i)
- ii)

b) Mention one mineral salt that strengthens bones in the body.

.....

c) Which tissue in the body joins muscles to bones?

.....

42 Match the equipment in A with their uses in B on cattle farm.

	A	B
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) Lactometer
- ii) Strip cup
- iii) Burdizzo
- iv) Iron metal

43 a) What advice can you give to a farmer whose crops normally get attacked by pests?

.....

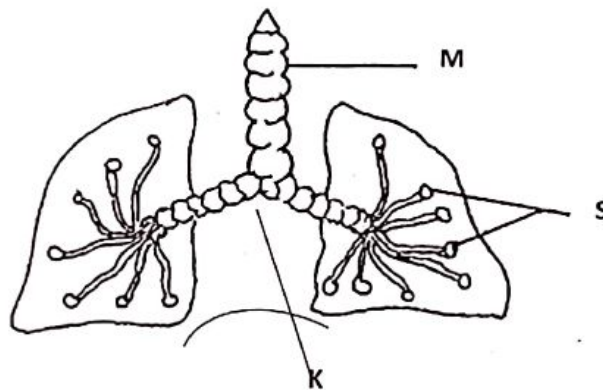
b) Mention two ways of increasing crop yields in the garden.

- i)
- ii)

c) Name any one crop that stores its food in roots.

.....

44 The diagram below is of human lungs. Study and answer questions that follow;



a) Name the parts marked;

- i) M
- ii) N

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)
- ii)

b) Write any two negative effects of prolonged sun shine in the environment.

- i)
- ii)

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.

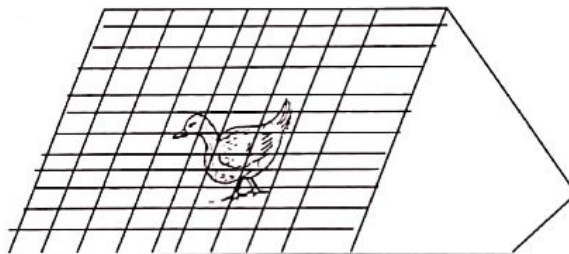
47 a) Give any two reasons for giving first aid.

- i)
- ii)

b) Name two materials that can cause scalds at home.

- i)
- ii)

48 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.

49a) Give two reasons why a P.7 pupil should promote personal hygiene.

- i)
- ii)

b) Write two items used to promote hygiene.

- i)
- ii)

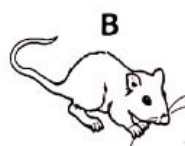
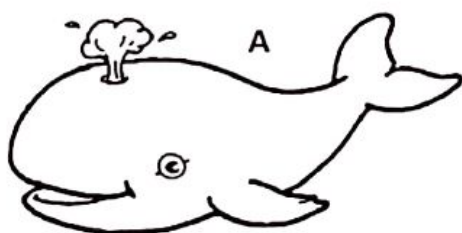
50a) Name the layer of soil that contains a lot of humus.

b) Write any one use of soil apart from crop growing.

c) Mention two ways of controlling soil erosion on a hilly area.

- i)
- ii)

51 The diagram below are mammals. Use and use them to answer questions that follow;



a) Name the group of mammals to which the above mammals belong.

A B

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.

b) Mention any two uses of saliva in the mouth during digestion.

- i)
- ii)

c) How is the ileum adapted to its function in the process of digestion?

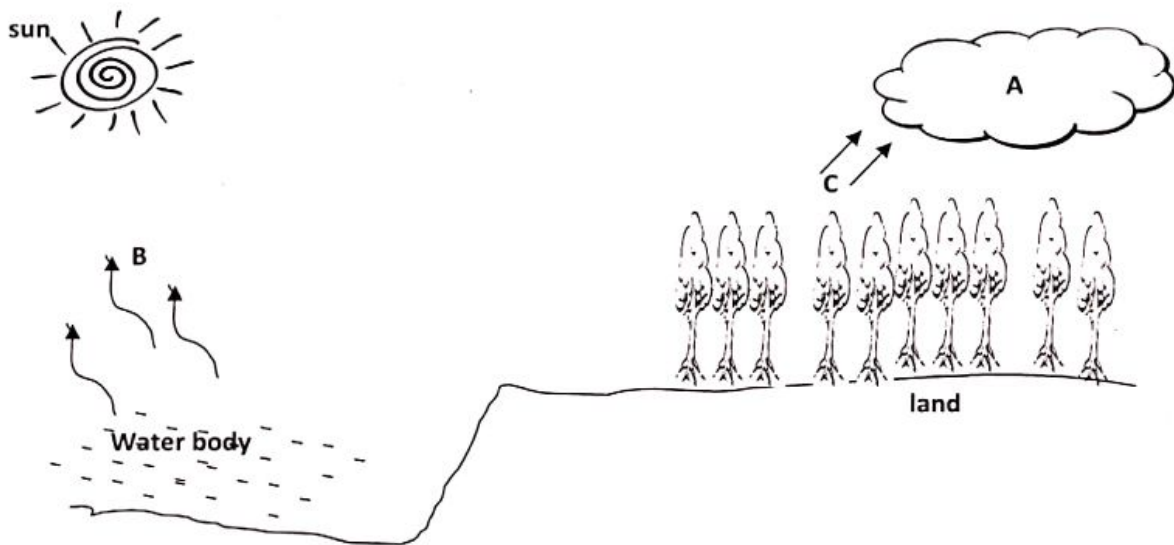
53a) Name one use of the human ears to the body apart from hearing.

- 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..

- 54a) Name the form of energy that increases temperature of matter.

- b) Mention the type of energy that is possessed by an object;
 i) At rest
 ii) 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;



- a) Name the type of clouds represented by letter A.

- b) State the processes by taking place at;
 i) B
 ii) C
- c) What is the use of the sun in the above water cycle?

END