

FORT PORTAL CITY COUNCIL EDUCATION DEPARTMENT  
PRIMARY LEAVING MOCK EXAMINATION, 2023

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

District ID No: 

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Read the following instructions carefully:

1. Do not write your **school** or **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. The paper has **16 printed pages** altogether.
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 other than graphs and diagrams will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that can not easily be read may lead to **loss** of marks.
6. Do **not** fill anything in the table indicated: "**For Examiners' Use Only**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	Marks	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

## SECTION A : 40 MARKS

*Questions 1 to 40 carry one mark each.*

1. Name the structure on a leaf used for breathing.

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2. Write one disorder of the digestive system.

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3. Where does fertilization take place in human beings?

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4. Name any one vector that spreads diarrhoea diseases.

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5. Mention any one artificial source of light.

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6. How are proteins useful in our bodies?

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7. Suggest the role of cartilages in the skeletal system.

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8. What is the importance of steaming up in animal management?

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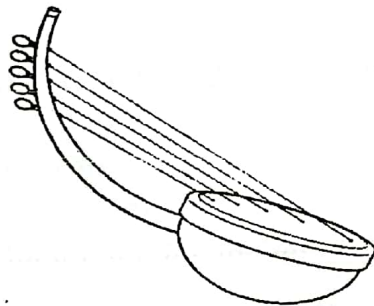
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9. Mention any one living energy resource in the environment.

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10. Name the class of musical instrument shown below.



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11. State one way smoking is dangerous to an individual.

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12. Name the disease that affects the liver due to excessive taking of alcohol.

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13. Why is tepid sponging important in giving first aid?

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Turn Over

14. Mention the unit measure of force.

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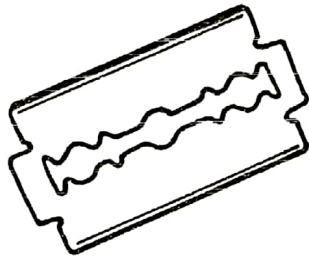
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15. Why does the ministry of health encourage VHT'S to carry out health surveys?

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16. Name the group of simple machines where the one below belongs.



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17. Give one quality of a good seed for planting.

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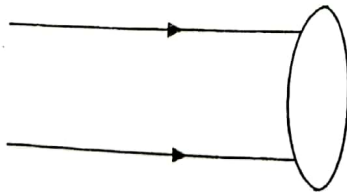
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18. Apart from control of respiratory diseases, give another reason why we should wear masks.

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19. Complete the path of rays as they move through the lens below.





20. Name the poultry vice that is controlled by dim light in a layer's house.

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21. Apart from boiling water, name another method of making water safe for drinking.

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22. How do food taboos and food beliefs affecting proper growth of children?

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23. State the way conductor protects the buildings from being struck by lightning.

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24. NAME one type of tropism in plant kingdom.

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25. Why is dental flossing important in personal hygiene?

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26. Write any one disadvantage of mulching in crop management.

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27. Name the property of magnets that helps a sailor to locate direction.

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28. Mention the type of weather that makes people wear light clothes.

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29. Why is it important to raise the legs of a fainted casualty while giving first aid?

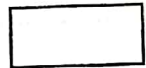
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30. Name the vaccine for hepatitis.

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31. Apart from weathering, how else is soil formed?

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32. How is physical education important to pupils?

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33. Give a reason why electric wires are loosely hung on electric poles.

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34. Apart from a frog, toad and salamander, give any other example of an amphibian.

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35. Name any habit that can lead to the destruction of lungs in our body.

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36. Give the part of the human eye that regulates amount of light entering it.

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37. Name any one exotic breed of rabbits kept in our homes.

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38. Why is vasectomy the best method of family planning in males who have more than five children?

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39. Give a reason why ash is applied in an ECOSAN latrine.

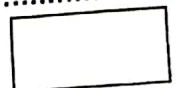
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40. Mention any one example of a first class lever.

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Turn Over

## SECTION B: 60 MARKS

(Questions 41 to 55 carry four marks each.)

41. (a) Name two exotic breeds of cattle kept for milk production.

(i).....

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(ii).....

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(b) Name one sign of a cow on heat.

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(c) Mention one danger of inbreeding.

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42. (a) How is the growing of mushrooms important to a farmer?

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(b) Apart from mushrooms, name any other example of fungi.

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(c) Name two diseases caused by fungi.

(i).....

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(ii).....

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43. (a) Give one way of preventing hook worm infection.

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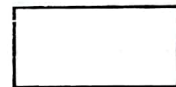
(b) Name one sign of hook worm infection.

.....  
.....

(c) Apart from hookworms, name any other two worms in human beings.

(i).....  
.....

(ii).....  
.....



44. (a) Give two types of records kept by a farmer.

(i).....  
.....

(ii).....  
.....

(b) Write down two reasons why farmers keep records.

(i).....  
.....

(ii).....  
.....

Turn Over

45. Match List A with List B.

	List A	List B
(i)	Drug abuse	Wrong use of a drug
(ii)	Drug addiction	Written information on use of drugs
(iii)	Drug misuse	Harmful use of a drug
(iv)	Drug prescription	Continuous use of a drug

(i) Drug abuse

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(ii) Drug addiction

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(iii) Drug misuse

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(iv) Drug prescription

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46. (a) What do you understand by the term immunity?

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(b) Why is the government of Uganda encouraging people to get yellow fever vaccine.

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(c) State one benefit of breast feeding to a mother.

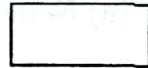
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(d) How is polio vaccine administered in children?

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47. (a) Write two ways plants depend on animals.

(i).....

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(ii).....

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(b) Write short notes on the following;

(i) Herbivores

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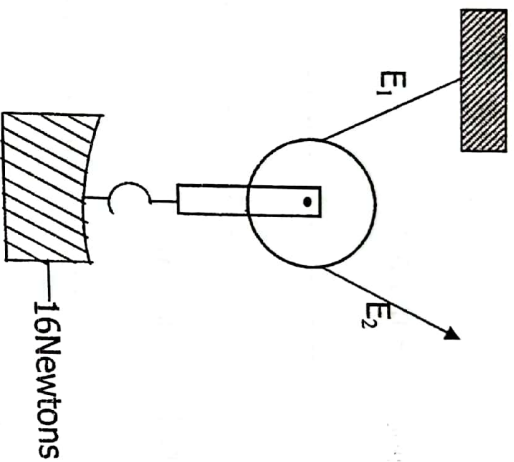
(ii) Omnivores

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Turn Over

The diagram below is of a pulley system. Study and use it to answer questions that follow.



48. (a) Name the type of pulley shown in the diagram above.

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- (b) State the use of the pulley shown in diagram above.

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- (c) Calculate the mechanical advantage of the pulley shown above.

(2 marks)

49. (a) Which component of Primary Health Care (PHC) is responsible for the following;

- (i) Prevention of malnutrition diseases

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(ii) Population control.

(b) Give two activities which are done to promote Primary Health Care (PHC).

(i).....

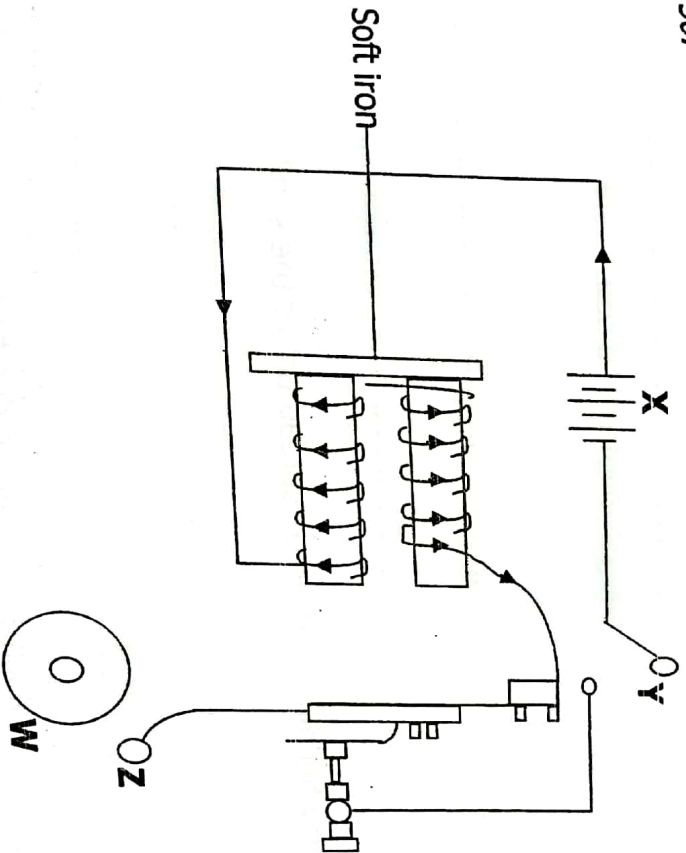
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(ii).....

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The diagram below shows an electric bell. *Study and use it to answer question*

50.



50. (a) Name the parts marked;

(i) **X** .....

.....

(ii) **Y** .....

.....

Turn Over

(b) Give the form of energy produced when part Z hits W.

.....

.....

(c) Name the place where the above instrument can be found.

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51. (a) How can you care for the following body parts;

(i) Tongue?

.....

.....

(ii) Hair?

.....

.....

(b) Give a reason why beddings should be spread under the sun?

.....

.....

(c) Name any one parasite which attack people due to poor personal hygiene.

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52. (a) What is the role of melanin pigment in the human skin?

.....

.....

(b) Name the body organs that excrete the following;

(i) Bile.

.....

.....

(ii) Urea.

.....

.....

(c) Write one health practice for proper functioning of the body organs.

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53. (a) What is the use of the following items in a first aid box;

(i) Bandage?

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(ii) Safety pin?

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(b) Why is a splint important in giving first aid?

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(c) Give one quality of a good first aider.

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*Turn Over*

54. (a) Write short notes on the following;

(i) Puberty.

(ii) Conception.

(b) State one danger of teenager pregnancy in school children.

(c) Suggest one life skill which can help teenagers to manage their body changes.

55. (a) Give any one use of blood in the body.

(b) Mention the disease that affects the red blood cells.

(c) Name the blood vessel that takes oxygenated blood from the lungs to the heart.

(d) Write one PIASCY message that can help in the prevention of HIV/AIDS.

END