

FORT PORTAL CITY COUNCIL EDUCATION DEPARTMENT  
PRIMARY LEAVING MOCK EXAMINATION, 2024

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random No.	Personal No.
0 0 2 8 1 3	1 7 0

Candidate's Name: MUSIIMENTA JALIA ABDALLAH

Candidate's Signature: Musiimenta Jalia Abdallah

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 type of poultry kept for egg production.

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.....  
.....

2. Apart from the sun, give any other natural source of light.

.....  
.....  
.....

3. What name is given to the turning point of a machine?

Pivot  
.....  
.....

4. Name the type of worm that sucks digested food from the intestines.

Tape worm  
.....  
.....

5. Mention the sexually transmitted diseases that causes blindness to unborn babies.

.....  
.....

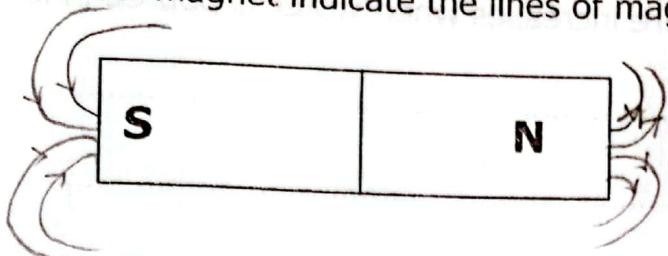
6. Write the safety warning written on cigarette packets.

.....  
Smoking causes lung cancer  
.....

7. Name any one sign of heat in pigs.

.....  
Loss of appetite  
.....

8. Below is a bar magnet indicate the lines of magnetic force.

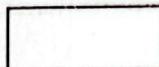


9. Give one product obtained from cattle.

.....Manure.....

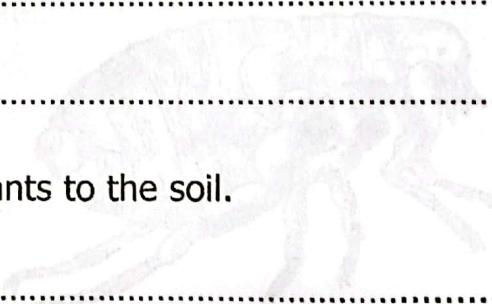
10. Name the type of bacteria found inside a biogas digester.

.....Anaerobic bacteria.....

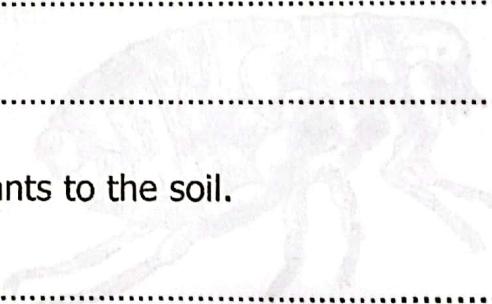


11. How do we call the movement of food along the alimentary canal?

.....Ingestion.....



12. Give the importance of leguminous plants to the soil.



13. How does the kidney regulate the amount of water in blood.



14. Identify the music instrument which produces sound by plucking it.

.....Guitar.....

15. Mention any one reason why fire increases when water is poured in it.

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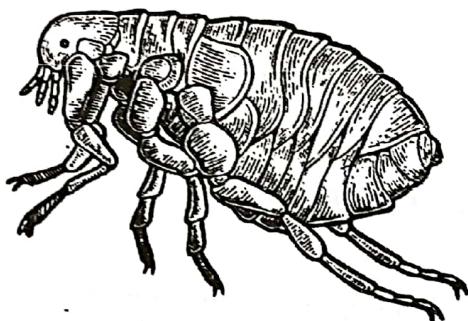
16. Name one non infectious disease of the respiratory system.

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.....  
.....

17. Write one element of Primary Health Care which helps in prevention of malnutritional diseases.

.....  
.....

18. How is the vector below controlled in a home?



.....  
.....

19. Why is wind regarded as an energy resource?

.....  
.....

20. Name the part of the skull that protects the eye.

.....  
.....

21. How useful are blood platelets in blood circulation?

.....

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.....

22. State any one way in which friction is applied in our daily life.

.....

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23. Give one advantage of crop rotation in crop growing.

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24. What is the use of a towel in promotion of personal hygiene.

.....

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25. Define the term puberty in growth and development.

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26. Name the vaccine for Hepatitis B.

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27. Name the type of tropism in which plants respond to light.

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28. Give the importance of a safety pin during the process of giving first aid.

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29. State one effect of defilement to a school child.

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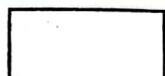
30. Mention the use of tendrils to some plants.

.....

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.....



31. State any one example of a voluntary muscle.

.....

.....

.....

32. Give any one way of preventing diseases in rabbits.

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33. How is bacteria similar to fungi in terms of feeding?

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34. Why does a chameleon camouflage?

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35. Write any one example of a grow food.

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36. Name the type of teeth lions use to kill their prey.

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37. Give an example of a producer in a food chain.

.....  
.....  
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38. How does the use of energy saving stoves help in conservation of the environment?

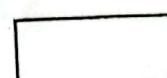
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39. State the use of a latrine in a home.

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.....  
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40. Mention one method of making alcohol.

.....  
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**SECTION B**  
*(Questions 41 to 55 carry four marks each.)*

41. (a) State two sources of electricity.

(i).....

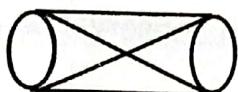
(ii).....

(b) Give the function of the symbols shown below;

(i)



(ii)



42. (a) Name the food value obtained from honey.

(b) Identify any two items used in harvesting of honey.

(i).....

(ii).....

(c) Give a reason why harvesting of honey is always done late in the evening.

43. (a) Name one example on each of the following;

(i) Primates.

.....

(ii) Molluscs.

.....

(b) How do the following animals protect themselves;

(i) Porcupine?

.....

(ii) Zebra?

.....

.....

44. Match terms in A with their meaning in B.

	A	B
(i)	Ovulation	Monthly shading of blood
(ii)	Implantation	Union of the sperm and ova
(iii)	Menstruation	Release of mature ova
(iv)	Fertilization	Attachment of the embryo to the uterus wall

(i) Ovulation .....

.....

(ii) Implantation .....

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(iii) Menstruation .....  
.....

(iv) Fertilization .....  
.....

45. (a) Give two ways of caring for harvested crops.

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

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

(b) What do you understand by the following terms;

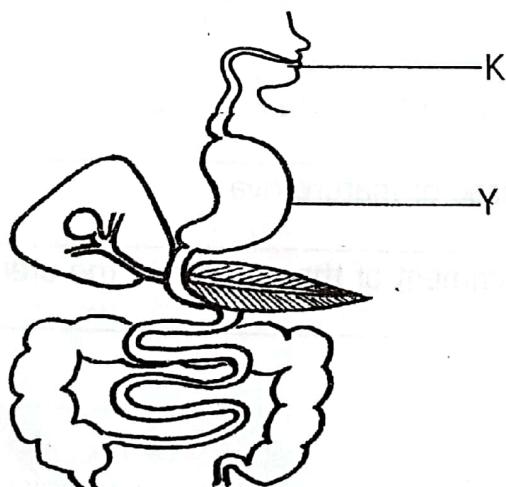
(i) staking?

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.....

(ii) mulching?

.....  
.....

The diagram below shows the body system of human being. *Study and use it to answer questions that follow.*



46. (a) Name the body system shown above.

.....  
.....

(b) Identify enzymes found in;

- (i) K .....
- .....
- (ii) Y .....
- .....

(c) Mention any one disease that affects the system above.

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47. (a) Give two examples of short bones.

- (i).....
- .....
- (ii).....
- .....

(b) Mention the use of synovial fluid found in joints.

.....

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(c) What is the importance of bone marrows in the body?

.....

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48. (a) What is drug dependence?

.....

.....

(b) Give two examples of drugs of dependence.

- (i).....
- .....
- (ii).....
- .....

(c) Mention one danger of drug dependence to an individual.

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49. (a) Give the effects of the following weather changes in the environment.

(i) Rainfall.

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(ii) Sunshine.

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(b) State the functions of the following;

(i) Sixth thermometer.

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(ii) Wind sock.

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50. (a) What is a simple machine?

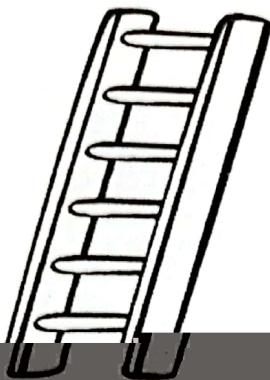
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(b) Give an advantage of using simple machines.

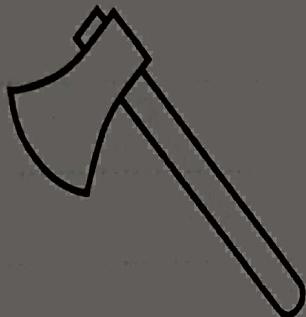
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(c) Below are diagrams of simple machines.

(i) Give the types of machines below;



(ii)



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

(i) Mass.

(ii) Volume.

(b) Find work done by a boy who pushed a wheel barrow using a force of 30N through a distance of 2 metres. (2 marks)

52. (a) Name two devices used to store sound.

(i).....

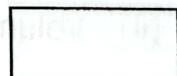
(ii).....

(b) State one use of echo to a bat.

.....  
.....

(c) Give the function of the pinna in the mammalian ear.

.....  
.....



53. (a) Write any one reason why first aid is carried out.

.....  
.....

(b) How is a compound fracture different from a simple fracture?

.....  
.....

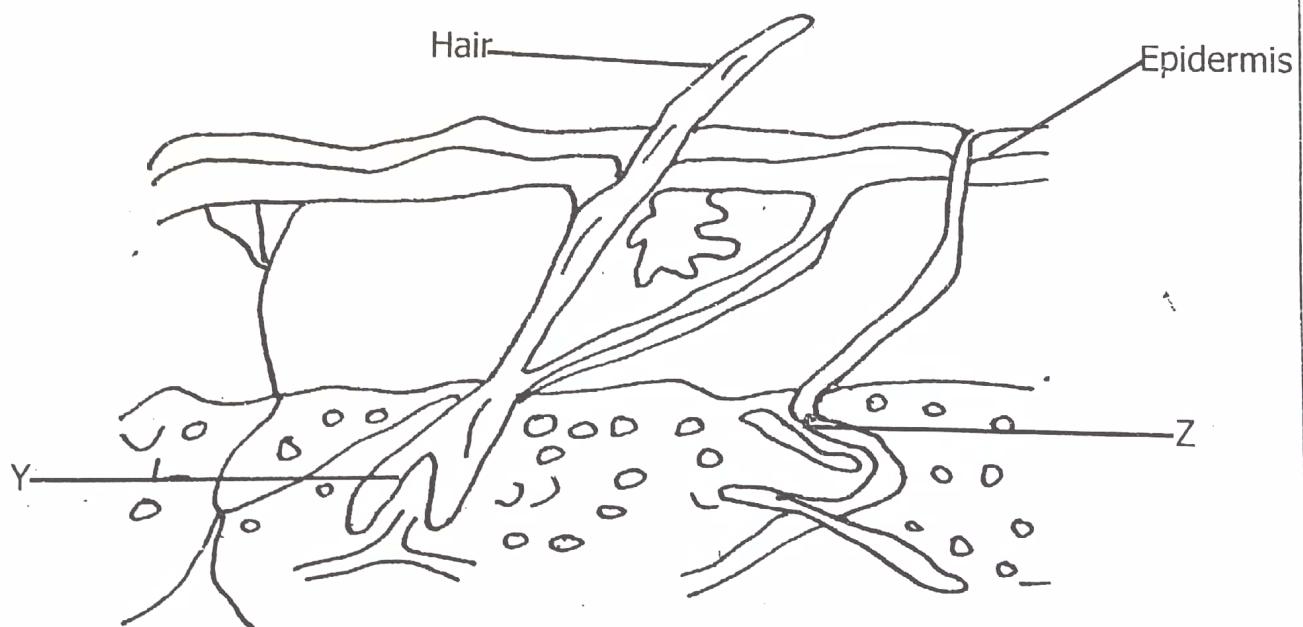
(c) Give one reason why road signs should be observed.

.....  
.....

(d) Name any one item found in a first aid box used to control over bleeding.

.....  
.....

The diagram below shows the human skin. *Study and use it to answer questions that follow.*



54. (a) What is the function of the organ shown above?

.....  
.....

(b) Write down the pigment that determines the colour of the above organ.

.....  
.....

(c) Name the parts marked;

(i) Z .....

(ii) Y .....

55. (a) Give the immunisable disease that causes stiffness of muscles.

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(b) Apart from immunisation, give another way of preventing polio.

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(d) Write one type of immunity.

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