

THE JEROX SET THREE TERM II EXAMINATION 2023

Primary Seven Integrated Science

TIME ALLOWED: 2 HOURS 15 MINUTES

Index No.	Random No.					Personal No.		

NAME: _____

SCHOOL: _____

SIGNATURE: _____ DISTRICT: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

FOR EXAMINER'S USE ONLY

- 1 The paper is made up of two section A and B
- 2 Section A has 40 questions (40 marks) and Section B has 15 questions (60 marks)
- 3 Answer all questions in both sections A and B.
- 4 All answers must be written in the spaces provided in BLUE or BLACK ink.
Only diagrams should be drawn in pencil.
- 5 Unnecessary crossing will lead to loss of mark
- 6 Poor handwriting, which can not be easily read may lead to loss of marks.

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

ORGANISED BY:



THE JEROX EDUCATIONAL CONSULTANCY-KAMPALA

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SECTION A (40 Marks)

(Questions 1 to 40 carry **one** mark each)

1. Name the waste product excreted by the skin.

2. Give any **one** reason why farmers prune their crops.

3. Which element of PHC enables the family to control deficiency diseases among its members?

4. How does a moss reproduce?

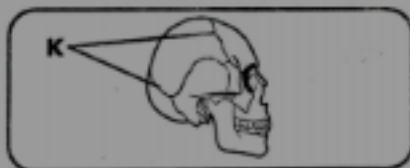
5. What type of change is moulting?

6. Give any **one** characteristic of monotremes.

7. Name the producers in the food chain.

8. State **one** sign of goiter in adults.

Use the diagram below and answer questions 9 and 10.



9. Name the unmovable joint marked K.

10. What name is given to the part of the human skeleton shown in the diagram above?

11. State the difference between gills of mushroom and that of fish in terms of function.

12. Mention the worms controlled by wearing shoes while going in wet places.

13. Write any **one** cause of food insecurity in our communities.

14. What does an apiarist use to direct smoke into hives during honey harvesting?



15. Identify the part of a VIP latrine used to trap houses.
- _____
16. Give any **one** way in which friction is useful to people.
- _____
17. Why is sugar added in **ORS**?
- _____
18. State any **one** role of children in immunisation programme.
- _____

Use the diagram below and answer questions 19 and 20.



19. Name the injury sustained by the baby in the diagram.
- _____
20. State the first aid given to the baby after sustaining the injury mentioned above.
- _____
21. What energy change takes place in an electric circuit?
- _____
22. Give **one** reason why some hens lay eggs with soft egg shells.
- _____
23. Mention **one** danger of tar and nicotine to the human health.
- _____
24. Name the animal fibre got from angora rabbits.
- _____
25. How are carrots be propagated?
- _____
26. Name the part of the human heart used to control the back flow of blood.
- _____
27. Give **one** effect of heat loss in metals.
- _____
28. Which weather instrument is used to determine the strength of wind?
- _____



Use the diagram below and answer the questions 29 and 30.



29. Name the optical instrument shown above.
30. Under which principle does the above optical instrument work?
31. How do we call the male gametes of plants?
32. Give **one** way in which animals can make use of the part of air given out by plants during photosynthesis.
33. Which method of soil formation involves the use of bacteria?
34. State any **one** importance of condoms to married couples.
35. Name the fungi used in making Vitamin **B1**.
36. Mention any **one** way of caring for the human ears.
37. Give any useful energy resource got from water.
38. How does heat from the sun reach us on the earth?

Use the diagram below to answer the questions that follow.



39. Name the vector shown in the diagram above.
40. Name the disease spread by the above vector to goats.



SECTION B (60 marks)

(Questions 41 to 55 carry **four** marks)

41. (a) Name any **two** parts of a lever.

(i) _____

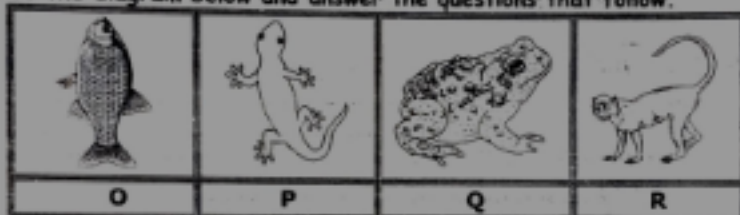
(ii) _____

- (b) To which class of levers do the following machines belong?

(i) Sea-saw _____

(ii) Wheel barrow _____

42. Use the diagram below and answer the questions that follow.



- (a) Give **one** difference between animal **P** and animal **O** in terms of reproduction.

- (b) Identify the animal grouped under warm blooded animals from the list above.

- (c) What type of fertilization does animal **Q** undergo?

- (d) To which group of vertebrates does animal **R** belong?

43. (a) What happens to a freely suspended bar magnet?

- (b) Mention any **two** methods of making magnets.

(i) _____

(ii) _____

- (c) Give **one** danger of keeping magnets in East-West direction.

44. (a) State any **two** advantages of using natural manure over artificial manure.

(i) _____

(ii) _____



- (b) What type of natural manure is made from green plants?

- (c) Apart from adding manure, how else can a crop farmer improve soil fertility?

45. (a) Mention any **two** physical processes involved in the rain cycle.
(i) _____
(ii) _____
- (b) State the main natural source of heat in the rain cycle.

- (c) Give any **one** effect of rainfall in the environment.

46. (a) Name any **two** agents of seed dispersal apart from animals.
(i) _____
(ii) _____
- (b) In the spaces given below, draw and name two seeds/fruits dispersed by animals.

47. (a) Give **one** characteristic of irregular objects.

- (b) Name the method used to determine the volume of an irregular object.

- (c) Mention any **two** examples of irregular objects.
(i) _____
(ii) _____
48. (a) State any **two** factors considered before starting a woodlot at school.
(i) _____
(ii) _____
- (b) In which **two** ways do schools benefit from woodlot projects?
(i) _____
(ii) _____
49. (a) Name the item found in a clean home used to keep washed utensils.



(b) Give any **two** activities done to control vectors at home.

(i) _____

(ii) _____

(c) State any **one** disease spread through poor sanitation.

50. (a) Mention any **two** signs of poisoning.

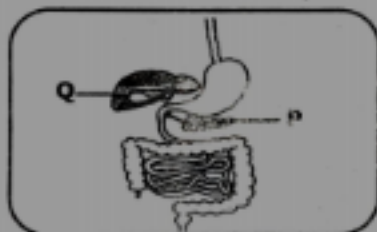
(i) _____

(ii) _____

(b) Why is it advisable to give plenty of drinks to a person who has taken in poison?

(c) Give **one** importance of burning expired drugs at home.

51. Use the diagram below and answer the questions that follow.



(a) Name the digestive juice produced by the parts marked;

(i) **Q** _____

(ii) **R** _____

(b) Mention any **two** disorders that affect the proper working condition of the body system shown above.

(i) _____

(ii) _____

52. (a) Name the instruments used by a herdsman to detect;

(i) Presence of mastitis _____

(ii) Water added in milk _____



(b) Name the part of a cow affected by mastitis.

(c) What type of germs cause mastitis in cows?

53. (a) Mention the permanent method of family planning in males.

(b) What does letter "A" stands for in **ABC** as way of controlling the spread of **STDs**?

(c) State any **two** reasons why some families have many children.

(i)

(ii)

54. (a) Mention any **two** conditions that may force mothers to bottle feed their babies.

(i)

(ii)

(b) Name the mineral salt lacking in breast milk.

(c) Write **one** word used to describe the introduction of semi-solid food to a baby.

55. Match parts of a flower to their function.

Part	Its function
(i) Style	Produce male gametes of plant
(ii) Anthers	Attracts pollinators.
(iii) Sepals	Holds stigma in position.
(iv) Petal	Protects a flower in its bud stage.

(i) Style

(ii) Anthers

(iii) Sepals

(iv) Petal

