



THE CRANES EXAMINATIONS

" Ever Forward "

P.7 STANDARD EXAMINATIONS SET TWO

INTERGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

Random No.						Personal No.		

Candidate' Name:.....

Candidate's Signature:.....

District Name:.....

Read the following instructions carefully:

- 1.This paper has **two** sections: **A** and **B**.
- 2.Section **A** has **40** questions (**50 marks**)
- 3.Section **B** has **12** questions (**50 marks**)
- 4.Answer **all** questions . all answers to both sections **A** and **B must** be written in the spaces provided.
5. **All** answers must be written using a **blue** or **black ball** point **pen** or **ink**. Diagrams should be drawn in a pencil.
6. **Unnecessary** changes in your work may lead to **loss** of marks.
7. Any handwriting that **cannot** be easily read may lead to **loss** of marks.
- 8.**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		

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Turn Over

11.. Give any **one** cause of bad breathe in some people.

.....

22.. Which **vector** spreads typhoid to people?

.....

3. State any **one** use of a tooth brush in promoting personal hygiene.

.....

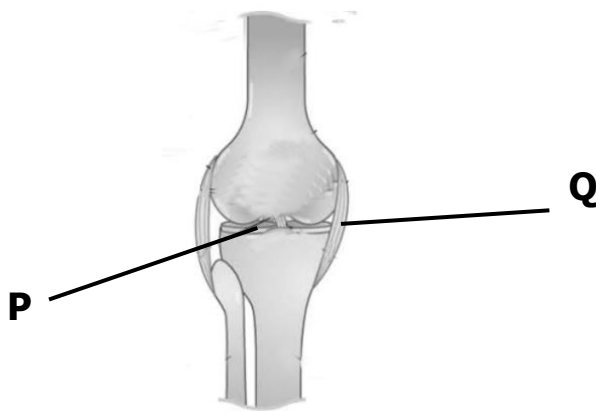
4. Give any **one** example of **a physical change** in living things.

.....

5. Which group of **cold** blooded vertebrates **reproduce** by laying eggs?

.....

The diagram below shows parts of **a human skeleton**. Use it to answer question 6 and 7.



6.Name the **structure** marked **P**.

.....

7.What is the **function** of the part marked **Q** ?

.....

8.State the **type of sheep** kept for hair production.

.....

9.What type of **objects** sink in water ?

.....

10.Which **type of soil** do people use for modeling?

.....

11. In which **one way** is wax in the ear of human beings important?

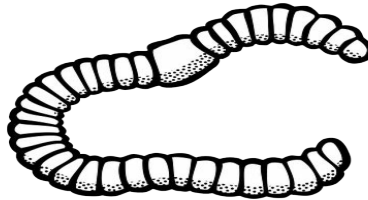
12. How can **one** care for crops in a nursery bed ?

13. State any **one** characteristic of molar teeth which makes them suitable for their function.

14. How can **breeding** of mosquitoes be **controlled** apart from draining stagnant water?

15. Which **deficiency** disease causes soft and weak bones?

_ The diagram below shows a worm. Study it and answer questions 16 and 17.



16. Name the worm **shown** in the diagram above.

17. How is this worm **useful** to people in the environment?

18. State any **one** characteristic of essential drugs.

19. Give any **one** way you can conserve the school environment.

20. How do plants **benefit** from the animals ?

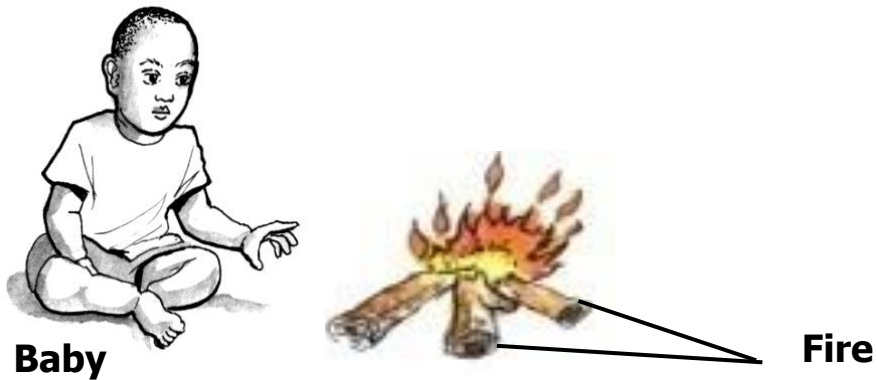
21. State **one** characteristic of non renewable resources.

22. Give any **one** function of blood in the body.

23. Why do we need **to have** enough sleep and rest ?

24. How is millet **adapted** to animal dispersal?

The diagram shows a boy warming himself on a cold day.



25. Name the **energy change** when the wood burns to give fire.

26. By what **means** does **heat** from the fire reach the baby ?

27. Give **one** type of energy given off by the fire.

28. Why do we dip a **scald** in cold water ?

29. Why is it not advisable to breathe through the mouth?

30. Which water **borne disease** affects the liver ?

31. Apart from cultural purpose, give any **one** other importance of birds to people.

32.Which rabbit **disease** causes shivering, sneezing and difficulty in breathing?

.....
33.Give **one** way in which electricity produced by dry cells can be increased.

.....
34.Why does water **exist** in all the three states of matter ?

.....
35.State any **one** condition which is suitable for plants to make food.

.....
36.Name any **one** crop whose stem can be used of as food.

.....
37.What are **poultry** vices ?

.....
38.Apart from preventing STDs, give any **one** other advantage school children get from PIASCY message .

.....
39.Give **one** way farmers sort out seeds for planting.

.....
40.Which human **organ** filters blood in the body ?

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SECTION

41(a) What is **air** ?

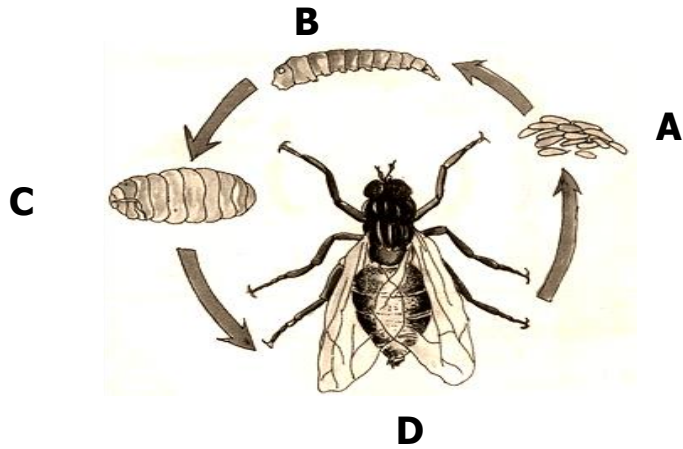
.....
(b) Give any **one** example of rare gas.

.....
(c) Give **one** way in which **air** is useful in the environment.

(d)How can we **prevent** dangers of wind in the environment?

.....

42.The diagram shows the life cycle of an insect. Study it and answer questions that follow;



(a)Name **one** insect which has the type of life cycle shown above.

.....

b)Which **stage** of this insect is more dangerous to people?

.....

c)How is stage **B** different from stage **C**?

.....

(d)What do we call this **type** of life cycle?

.....

43. a) Write down any **two** causes of accidents at home .

(i)

(ii)

b)Give any **two** ways of avoiding accidents at home.

i.....

ii

44.a) Write any **one** reasons why bats are classifies as mammals.

- i.
- ii.

b) In which **two** ways are bats different from birds.

- i.
- ii.

45.a) Write down any **two** ways of collecting information from a health survey.

- i.
- ii.

b)Give **two** importance of a health survey to the government of Uganda.

- i.
- ii.

46. In the table below, part A shows minerals and vitamins and part B has their uses uses.

Part A	Part B
Iron	Makes thyroxin
Calcium	Prevents bleeding gums and
Iodine	improves skin
Vitamin C	Makes bones and teeth strong
	Makes blood cells.

- Iron
- Calcium
- Iodine
- Vitamin C

47. a) Give **one** example of an exotic breed of sheep kept in Uganda.

.....

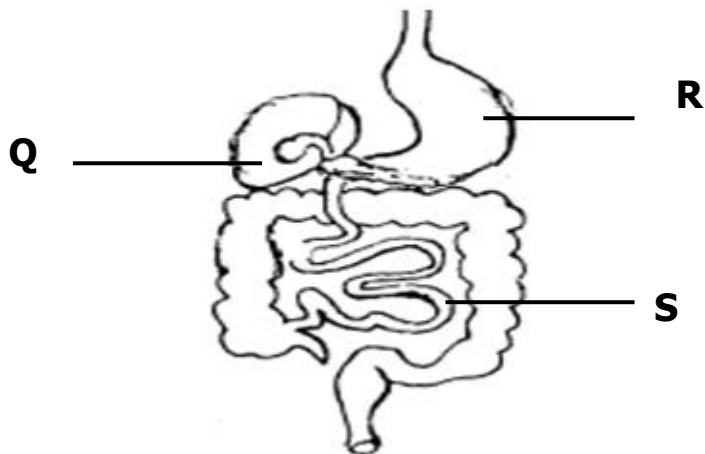
b)Name the **meat** got from cows.

.....

c) State any the **diseases** that commonly attack rabbits.

- i.
- ii.

48. The diagram below is of part of the digestive system. Study it and use it to answer the questions.



(a) Name the digestive **juice** produced in parts R and S.

- i. R:
- ii. S:

b) Give the **importance** of the digestive juice produced by part Q.

.....

c) Which **part** of the digestive system is not part of the alimentary canal?

.....

49.a) State any **two** ways in which mulching can improve on soil fertility.

- i.
- ii.

b) State any **two** disadvantages of over grazing to a crop farmer.

- i.
- ii.

50.a) To which **type** of simple machines does a wheel barrow belong?

.....

- b) State any **one** use of a rake to a crop farmer.

- (c) How can the **efficiency** of an axe be improved to make work easier?
Gi
- (d) Give **one** other example of a machine which belongs to the same group as an axe.

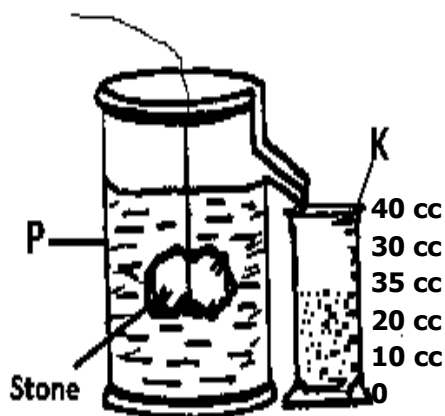
51.a) State any **two** ways of promoting sanitation in a classroom .

- i.
- ii.

b) Give any **two** materials used in cleaning school dormitories.

- i.
- ii.

52. The diagram below shows a process of finding the volume of a stone. Study the diagram and answer the questions that follow.



a) Name the **containers** marked **P** and **K**.

- (i) P
- (ii) K

b) What is the **volume** of the stone?

.....

c) What **method** of solving a problem is shown by the experiment?

.....

53.(a)What **type** of venation does a maize plant have?

.....

b) Name the **type** of root system found in beans.

.....

c) Which **type** of roots beans develop during the flowering period?

.....

d) To which **group** of crops do beans belong?

.....

54. a)Give **one** way in which soil is formed.

.....

b) State any **two** properties of clay soil.

i.

ii.

c) Write down **one** way of controlling soil infertility.

.....

. 55.a) List down any **one** importance of bees to a crop farmer?

.....

b) Give the **importance** of a honey chamber in a modern bee hive.

.....

c) What is a young bee called?

.....

d) State the life cycle of a honey bee.

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END.