



THE CRANES EXAMINATIONS

" Ever Forward"

P.7 STANDARD EXAMINATIONS SET TWO

INTEGRATED 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 (**40 marks**)
- 3.Section **B** has **12** questions (**60 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

SECTION A: 40 MARKS

Questions **1** to **40** carry **one** mark each.

1. What is **photosynthesis**?

.....

2. Identify **one** water borne disease you know.

.....

3. Which **virus** causes rabies in dogs?

.....

4. Write **one** role played by a school health committee in the control of ringworms at school.

.....

5. State **one** reason why sound is referred to as a form of energy.

.....

6. Which **part of air** is a waste product of respiration?

.....

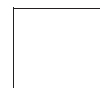
7. What is **Agro-forestry**?

.....

8. Mention any **one** wild non ruminant you know.

.....

9. Identify any **one** example of animal's freedom.



.....

10. Name any **one** common disease in rabbits.

.....

11. Mention one **process** that takes place in the body cells

.....

12. Give the difference between **a ban** and **a scald**.

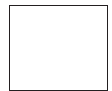
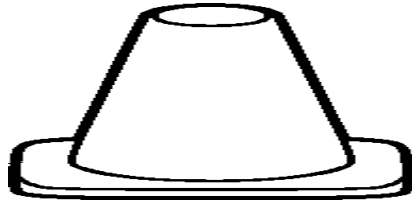
.....

13. Which **structure holds** the ribs in position in the human body?

.....

The diagram below shows one of the equipment used on a sports pitch.

Use it to **answer** questions **14** and **15**.



14. State the **importance** of the above equipment on a football pitch.

.....

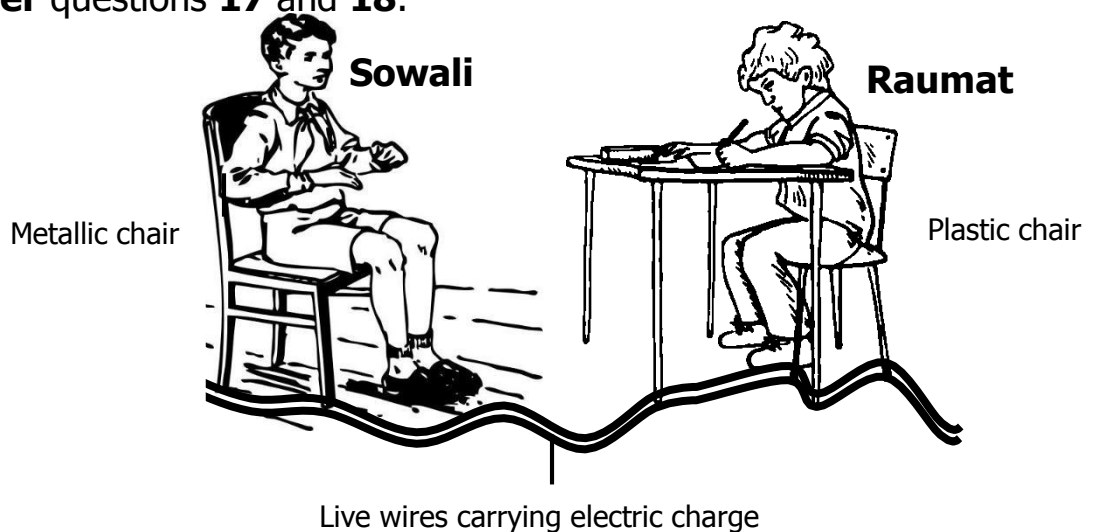
15. Why is the above item **made** of bright colours?


.....

16. Define the term **scolex** as used in worm infections.

.....

The diagram below shows two boys, **Raumat** and **Sowali** seated on different materials, one metallic chair and the other plastic. Study it and **answer** questions **17** and **18**.



17. Who of the **two boys** will be **shocked** by electricity?
.....
18. Give a reason to support your answer in (**17**) above.
.....
19. Which **part** of an egg develops into a chick?
.....
20. Name the **best** food for a three-months old baby.
.....
21. How are **birds** similar to **mammals**? 
.....
22. Why do plants **absorb** water from the soil?
.....
23. Name any **one** animal product used in cloths making in industries.
.....
24. State the **function of white blood** cells in the body.
.....
25. What is **volume** of sound?
.....
26. Give any **one** example of a rodent.
.....
27. Which class of food is **used** in the production of body cells?
.....
28. How does a sheep **benefit** from the docking practice?
.....
29. Write down **one** cause of tooth decay in some individuals.
.....
30. Name the **substance** in tobacco smoke which stimulates the releases of dopamine in the body.
.....

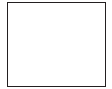
31. How is soil **useful** to animals?

.....

32. Name the **intestinal worm** which feeds by diffusion.

.....

33. Give **one** use of the item shown below in promoting personal hygiene.



.....

34. Which **juice** is produced in the gall bladder?

.....

35. Of what **use** is the nectar collected by bees from different flowers?

.....

36. Point out **one indicator** of malnutrition in babies.

.....

37. How **useful** is a tendon in the muscular skeleton?

.....

38. How do birds **benefit** from their hollow bones?

.....

39. Which **virus causes** malaria to people?

.....

40. How **useful** are house flies in the community?

.....

SECTION B: 60 MARKS

41. (a) Give any **two** ways plants depend of non-living things.

(i)

(ii).....

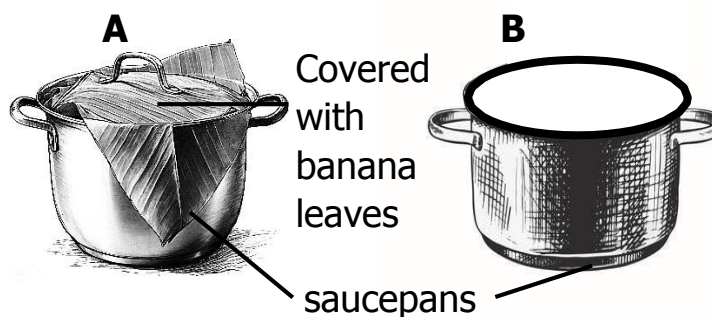
(b) Write any **one** source of wood.

.....

(c) How has **NEMA** helped to conserve the environment?

.....

42. The diagrams below show **two** different saucepans **A** and **B** containing raw food. Study them carefully and answer the questions that follow.



(a) In which of the above diagrams will food be **cooked** faster.

.....

(b) Give a **reason** to support your answer.

.....

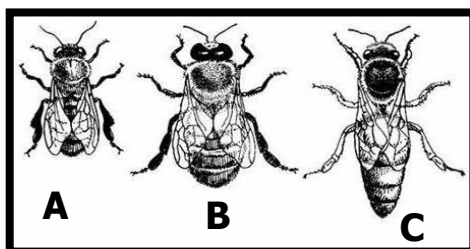
(c) By what **process** does heat reach the raw food through the saucepan?

.....

(d) Besides cooking, give **one** other importance of heat in our daily life.

.....

43. **Below, are different types of honey bees. Use them to answer the questions that follow.**



(a) Which of the above **bees** lays eggs in the hive?

.....

Write any **two** duties of a worker bee in a hive.

(i)

(ii)

(b) What **food value** do we obtain from eating honey?

.....

44. Match the following elements of **PHC** to their activities correctly.

☐

A

B

Water and sanitation

dental flossing.

Maternal and child health

draining stagnant Water.

Family planning

prolonged breast feeding.

Oral and dental health

immunizing pregnant

women with T.T Vaccine.

(i) Water and sanitation.....

(ii) Maternal and child health.....

(iii) Family planning.....

(iv) Oral and dental health.....

45. (a) What is **PHC**?

.....

(b) Identify **two** activities that are carried out in a home to promote PCH.

(i)

(ii).....

(c) What element of **PHC** can be promoted through brushing teeth?

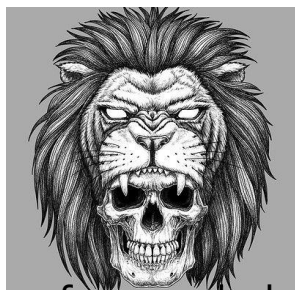
.....

46. (a) Write **PIASCY** in full.

.....

- (b) Give two ways **PIASCY** messages have helped the youth in yourschool.
- (i)
- (ii).....
- (c) Write the **PIASCY** message which helps to the prevent **HIV/AIDS**.
-

47. The diagram below shows a skull of a certain mammal. Use it to **answer** thequestions that follow.



- (a) To which **sub class** of mammals does animals with such a skull belong?
-
- (b) What **kind** of food do such mammals feed on?
-
- (c) How is an animal with such a skull **adapted** to its mode of feeding?
-
- (d) Give **one** example of an animal with such a skull.
-
48. (a) What are communicable diseases?
-
- (b) Write **two** communicable diseases?
- i).....
- ii).....
- (c) Give one way of preventing communicable diseases.
-

49. (a) What is a **flower**?

.....

(b) Identify **one** use of flowers to plants.

.....

(c) How **useful** is are stigmas to plants?

.....

50. (a) What is **conduction**?

.....

(b) How is conduction **useful** in a home? Give two ways.

i).....

ii).....

(c) Why is wood **used** on the handle of an axe?

.....

51. (a) What is a **resource**?

.....

(b) Give **two** used of wood as a resource.

(i)

(ii).....

(c) Why are plants called renewable resources?



.....

52. (a) Balyejusa was burnt by hot water, what **type** of injury did he sustain?

(i)

(ii).....

(b) What first aid is **suitable** for such an injury?

.....

(c) State **one** way how such an accident can be prevented at home.

.....

53. (a) Why are rabbits **given a block** of salt to lick?

.....

(b) Opodo's rabbits have difficulty in breathing. Which disease are they suffering from?

.....

(c) Mention **two** advantages of keeping rabbits over cattle.

(i)

(ii)

54. (a) Mention **two** laws on alcohol use.

(i)

(ii).....

(b)Name the **method** used to produce alcohol at high concentration.

.....

(c) Mention **one** source of sugar used in the making of alcohol.

.....

55. (a) What is photosynthesis?

.....

(b) How is photosynthesis useful to Mr. Moses who is an athlete?

.....

(c) Give two ways of increasing the rate of photosynthesis.

i).....

ii).....

END