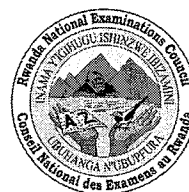


**Elementary Science
and Social Studies**

PSA

23 Oct. 2007 13h30 – 15h30

RWANDA NATIONAL EXAMINATIONS COUNCIL



B.P. 3817 KIGALI-TEL/FAX : 586871

Pupil's complete index number

Province/City

District

Sector

School

Pupil

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PRIMARY LEAVING NATIONAL EXAMINATION

October 2007

ELEMENTARY SCIENCE AND SOCIAL STUDIES

Duration: Two hours

Marks:

/100

Instructions

- Write your index number in full as written on your registration form.
- All questions are compulsory.
- Read each question carefully before answering it.

SECTION A

1. Give the name of the metal from which saucepans are made. (1)

.....

2. What are the two most common solid fuels used for cooking in Rwanda?

a) (1)

b) (1)

3. Why is the density of ice less than the density of water? (1)

.....

.....

.....

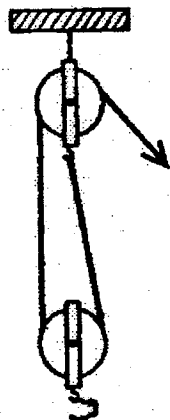
4. Complete the following sentence : (2)

Toilet windows of modern house are made of translucent glasses because

.....

.....

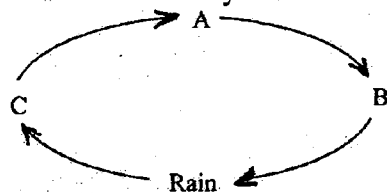
5. a) Name the machine below : (1)



- b) State what this machine is used for? (1)

.....

6. The diagram below shows a water cycle.



Name A, B and C.

A (1)

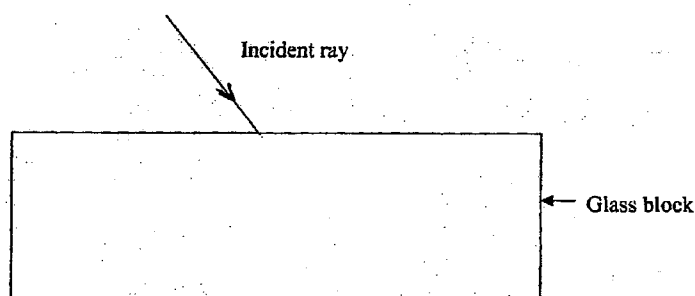
B (1)

C (1)

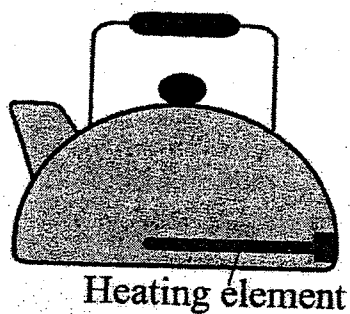
7. Complete the sentence below :

Light from the moon comes from (1)

8. Complete the diagram below to show the path of incident ray of light through the glass block. (3)



9. The diagram below shows an electric kettle.



Why is the heating element not put near the top of the kettle? (2)

.....

.....

.....

10. What causes the water to exist in three different states? (1)

.....

.....

.....

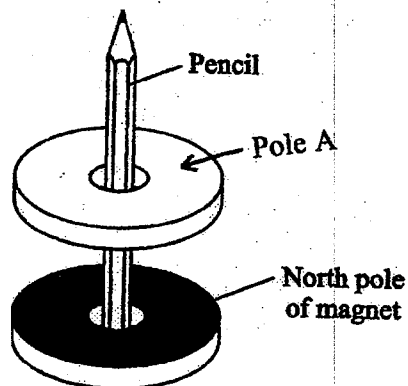
11. Draw a simple electric circuit consisting of 2 torch batteries, a bulb and a switch. (3)

12. What is the use of batteries in a simple electric circuit ? (1)

.....

.....

13. The diagram below shows two circular magnets.



a) Pole A is (1)

b) Why does the top magnet float above the bottom magnet? (2)

.....

.....

14. Write two ways to prevent pollution of air.

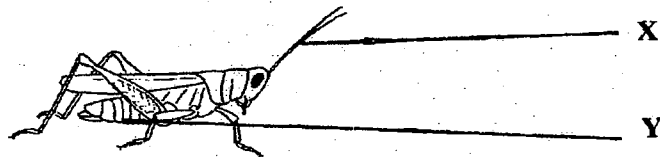
a)
..... (1)

b)
..... (1)

15. What is personal hygiene? (1)

.....
.....

16. Study the diagram below and answer the questions that follow :



a) Name and give the main function of parts marked X and Y.

X
..... (2)

Y
..... (2)

b) Identify the second life stage history of this insect. (1)

.....

17. Mention the component of blood that helps to transport oxygen in the body. (1)

.....
.....

18. State the process where by food is oxidised with oxygen to produce energy. (1)

.....
.....

19. What is the longest part of alimentary canal? (1)

.....

20. Name the method of propagation where a bud or shoot of one plant is made to grow on another plant. (1)

.....

21. a) Anaemia is a consequence of iron and protein deficiency in the body.

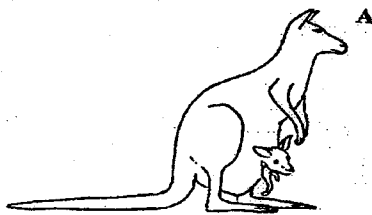
Name one other disease which can cause anaemia ? (1)

.....

b) Name any symptom of anaemia. (1)

.....

22. Which group of animals do the following belong?



A : (1)

B : (1)

C : (1)

23. Match animals in group A to their modes of feeding in group B. (5)

Group A

Dog

Chameleon

Rabbit

Hen

Cow

Group B

Rodent

Granivores

Insectivores

Herbivores

Carnivores

24. What is the reproduction mode of the sugar can?

..... (1)

25. Suggest two of the methods used to avoid pregnancy.

(a) (1)

(b) (1)

SECTION B (50 marks)

26. Complete the following sentences with appropriate words from the list: players, faith, Christians, community, qualities, weakness, prayer.

a) in one God and
are vital for both and Muslims. (3)

b) Devotion, patience, kindness and firmness are moral (1)

27. What do attempt to take one's life and discrimination violate ? (1)

.....

28. Give 2 examples of public works.

(a) (1)

(b) (1)

29. Why is separation of powers important ?

Give two reasons.

(a)

.....

..... (1)

(b)

.....

..... (1)

30. Name 2 symbols which distinguish a nation from others.

(a) (1)

(b) (1)

31. Suggest two ways in which road accidents can be reduced.

(a) (1)

(b) (1)

32. Outline two problems of a large family.

(a)

..... (1)

(b)

..... (1)

33. Name 2 sub-regional organisations in Africa.

(a) (1)

(b) (1)

34. Why is drawing an important subject to be taught? Give two reasons.

(a)

..... (1)

(b)

..... (1)

35. State three values or principles that should be promoted to achieve peace in Rwanda.

(a) (1)

(b) (1)

(c) (1)

36. Name the king of Rwanda who died in Bujumbura, Burundi, in 1959.

(1)

.....

37. A part from Rwanda, name another place where genocide ever took place. (1)
.....
38. Name the two European countries that ruled Rwanda before independence.
(a) (1)
(b) (1)
39. Mention two human activities that lead to the destruction of forests in Rwanda.
(a) (1)
(b) (1)
40. State two limitations to or disadvantages of newspapers as means of communication in Rwanda.
(a) (1)
(b) (1)
41. Give two reasons why lakes and rivers of Rwanda are important.
(a) (1)
(b) (1)
42. Give two examples of plantation crops in Rwanda.
(a) (1)
(b) (1)
43. Environment comprises many things. State any two of them.
(a) (1)
(b) (1)
44. Write 2 reasons why people leave rural areas for towns and cities.
(a) (1)
(b) (1)

45. How can we maintain and, or protect our swamps? Give two ways.

(a) (1)

(b) (1)

46. Name two consequences of alcoholism.

(a) (1)

(b) (1)

47. Rugendo flew from Kamembe to Kanombe. What compass direction did he take ? (1)

.....

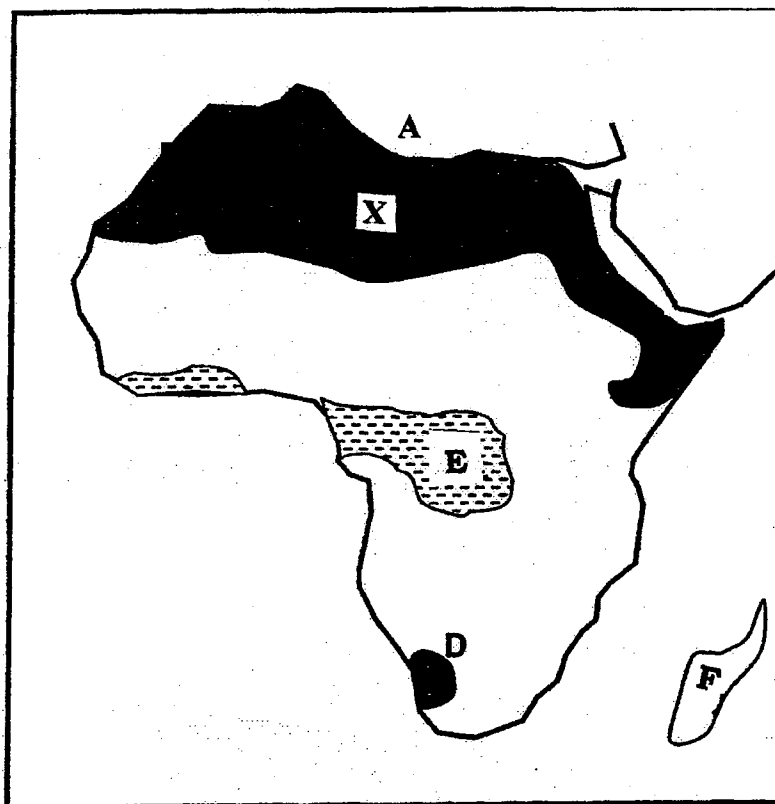
48. Name the highest mountain in Africa. (1)

.....

49. Name the largest lake in Africa. (1)

.....

50. Study the map of Africa below and answer questions that follow.



a) Name the hot deserts **X** and **D**.

X (1)

D (1)

b) Name the sea marked **A**.

(1)

.....

c) Name the shaded forest **E**.

(1)

.....

d) Name island **F**.

(1)

.....

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