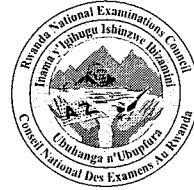


RWANDA NATIONAL EXAMINATIONS COUNCIL

**Elementary Sciences and Social
Studies**

PSA

31 Oct. 2006 13.30 p.m – 15.30 p.m



P.O. BOX 3817 KIGALI - TEL/FAX : 586871

Pupil's complete index number

Province

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District

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Sector

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School

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Student

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PRIMARY LEAVING NATIONAL EXAMINATION

October 2006

ELEMENTARY SCIENCES AND SOCIAL STUDIES

Duration : 2 hours

Marks:

/100

Instructions

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

SECTION A

1. What causes day and night?

(1mark)

.....

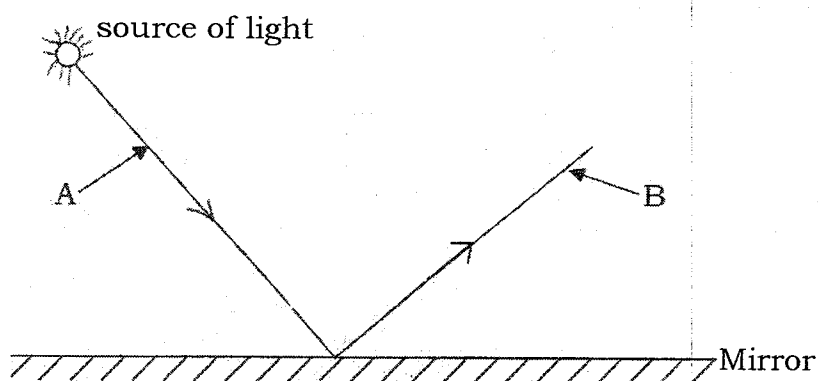
2. Why are most windows of modern houses made of glasses?

(2marks)

.....

.....

3.



Ray A is called..... and ray B is called.....

(2marks)

4. a) Which travels faster light or sound?

(1mark)

.....

b) Does sound travel through water?

(1mark)

.....

5. What would be the state of water if its temperature is decreased to below 0°C ?

(1mark)

.....

6. The mass of a substance is 9.0 g and its volume is 10cm³.
Calculate the density of the substance. **(2marks)**
.....
7. A person sinks into water in a lake. However, when a person is on a boat, the boat does not sink into the lake. Why?
.....
..... **(2marks)**
8. a) Why do people who live in hot deserts wear white clothes?
..... **(2marks)**
- b) Why are blankets good for covering ourselves during cold nights?
..... **(1mark)**
9. If pieces of iron have dropped into the sand, which simple material can you use to pick the iron pieces from the sand?
..... **(1mark)**
10. Why does a vacuum flask keep tea hot longer than an ordinary kettle?
Give three reasons. **(3marks)**
i)
ii)
iii)
11. a) Which is the source of energy that enables radios to produce sound?
..... **(1mark)**

b) Which of the following materials can conduct electricity: copper, dry wood, plastic ruler, rubber, iron? **(2marks)**

.....

c) Electricity can be dangerous. Name two accidents electricity may cause in a home. **(2marks)**

12. Give examples of animals which breathe through

(i) the gills.....

(ii) the skin.....

(iii) Lungs and skin..... **(3marks)**

13. Coccidiosis is a common disease of rabbits.

Give two signs shown by rabbits when they have this disease?

..... **(2marks)**

.....

14. Study the leaves below and answer the questions that follow.



(i) Which of the above is a simple leaf? **(1mark)**

.....

(ii) What is the name of the gas produced by leaves during photosynthesis?

(1mark)

.....

15. Where in our bodies is blood filtered to remove wastes ?
..... **(1mark)**
16. Each part of plant has a particular role. What is the role of:
(i) roots **(1mark)**
(ii) stem **(1mark)**
(iii) flowers. **(1mark)**
(iv) fruits **(1mark)**
17. What are agents of pollination? **(4marks)**
.....
.....
18. Cholera and dysentery are caused by microbes, germs. Suggest three methods you can use to avoid catching these diseases. **(3marks)**
.....
.....
.....
19. (i) Define fertilization and implantation. **(2marks)**
.....
.....
(ii) How many months does pregnancy last in a cow? **(1mark)**
.....
20. a) What is the full name of HIV ? **(1mark)**
.....
b) Give three ways you can avoid contracting HVI. **(3marks)**
.....
.....
.....

SECTION B

21. Who was the mother of Jesus ? **(1mark)**
.....
22. Name the African country Jesus ever visited. **(1mark)**
.....
23. How many disciples did Jesus have ? **(1mark)**
.....
24. Which famous American woman evangelist visited Rwanda in April 2006? **(1mark)**
.....
25. Rome is to Roman Catholics as..... is to Moslems. **(1mark)**
26. What do Moslems do in the month of *Ramadhan*? **(1mark)**
.....
27. Which is the most important bank in Rwanda? **(1mark)**
.....
28. Give the name of the world renowned terrorist in hiding. **(1mark)**
.....
29. Who heads the following types of governments ?
- a) A republic..... **(1mark)**
- b) A kingdom..... **(1mark)**
30. If you are boys and girls at home, who should clean the house? **(1mark)**
.....
31. What should you do if you buy something and the shopkeeper gives you more money than your change? **(1mark)**
.....

32. State two things you should do in class when there is no teacher. **(2marks)**
.....
.....
33. List two advantages of sports and two of music. **(4marks)**
.....
.....
.....
.....
34. Give any two sources of news in Rwanda . **(2marks)**
.....
.....
35. Which three African countries were colonized by Belgium? **(3marks)**
.....
.....
.....
36. Write U. N. O in full. **(1mark)**
.....
37. Which king of Rwanda has been declared a hero? **(1mark)**
.....
38. Name the man who led blacks in South Africa to independence. **(1mark)**
.....

39. Who was the Commander of the UN force that was in Rwanda during the 1994 genocide? **(1mark)**

.....

40. List any two provinces of Rwanda. **(2marks)**

.....

.....

41. Give any two things a good map should have. **(2marks)**

.....

.....

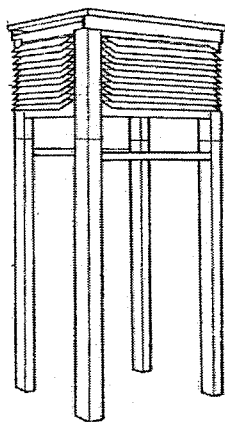
42. What is the importance of Ndaba Rock to the people of Rwanda? **(1mark)**

.....

43. Why are the port of Mombassa and Dar Es Salaam important to Rwanda's economic development? **(1mark)**

.....

44. The diagram below is of a *Stevenson Screen*.



What is the importance of this drawing at a *Weather Station*? **(1mark)**

.....

45. Which is the natural source of water? (1mark)

.....

46. Outline any three uses of forests . (3marks)

.....

.....

.....

47. Bushombe and Kankwanzi flew from Kigali to Cairo. What compass direction did they take? (1mark)

.....

48. Which river forms a natural boundary between Rwanda and Tanzania? (1mark)

.....

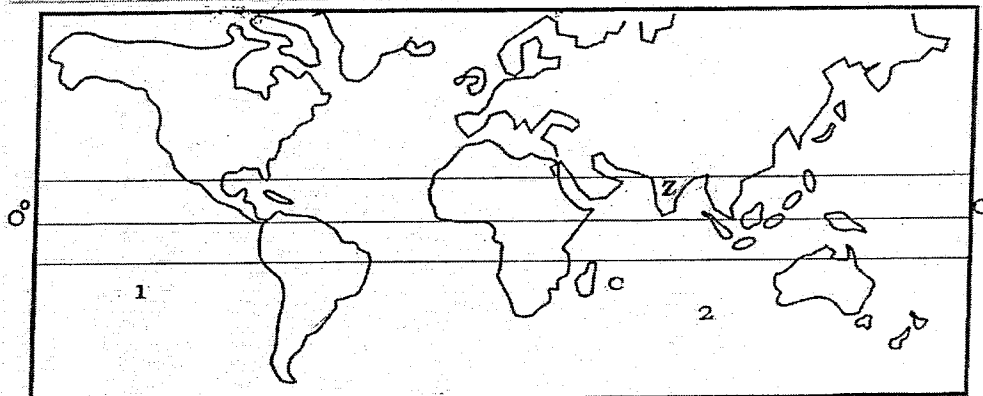
49. What methods should farmers in highland areas use to control soil erosion? (3marks)

.....

.....

.....

50. Study the world map below and answer questions that follow.



a) Name oceans marked **1** and **2**.

(2marks)

.....

.....

b) Which island is marked **C**.

(1mark)

.....

c) List any three African countries crossed by line **0°**.

(3marks)

.....

.....

.....

d) Identify country **Z**.

(1mark)

.....

