

GREENHILL ACADEMY PRIMARY SCHOOL
CONTINUOUS ASSESSMENT (SET 09)
2023
INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Index No:

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Candidate's name:

Candidate's signature:

District :

Campus :

Stream :

Read the following instructions carefully.

1. This paper is made up of two Sections:
A and B.
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt all questions. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will NOT be marked.
6. Unnecessary crossing out of answers will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Wrong spelling will lead to loss of marks

FOR EXAMINERS USE ONLY		
QN. NO.	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50- 52		
53 - 55		
TOTAL		

SECTION A (40mrks)

1. Name the body sense organ which is responsible for detecting salt in food.

.....

2. What problem results from the bursting of the eardrum?

.....

3. Why is forest conservation encouraged in Uganda?

.....

4. How is a dust bin important at school?

.....

5. Identify any **one** joint in the body which allows movement in only one plane.

.....

6. Name the second stage in the life cycle of a bee.

.....

7. Give **one** practice that may control the spread of cholera in your school.

.....

8. Mention **one** way in which soil is important to plants.

.....

9. How does a cockroach and a rat differ in terms of breathing?

.....

10. Give the meaning of the term "health survey"

.....

.....

11. Why is a wet cloth put on the body of a person with fever?

.....

The diagram below shows a child with a deficiency disease. Use it to answer questions **12**.



12. Which deficiency disease makes the child's legs to appear as shown above?

.....

13. Why has the government of Uganda banned the production of thin layer polythene bags but instead allowed thick layer polythene bags to be produced?

.....

.....

14. Give **one** property of floating objects.

.....

15. State the behaviour of sound when it hits a rock surface.

.....

16. Why do most farmers in towns use deep litter system of rearing poultry?

.....

17. Identify any **one** method of controlling the internal parasites of cattle.

.....

18. Give the use of a beam balance to a shop attendant.

.....

19. Besides bacteria, which other living organism help in the making of alcohol.

.....

20. State the behaviour of sound when it hits a rock surface.

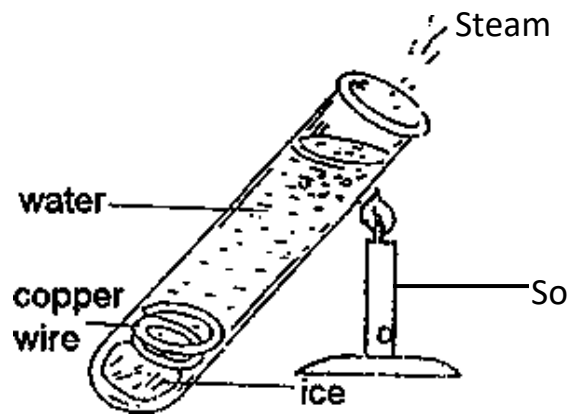
.....

21. State any **one** way the effect of severe diarrhoea can be controlled in children.

.....

22. Why is distilled water not recommended for drinking?
.....
23. Name the device used to guard against damage to appliances by too much electric current.
.....
24. State **one** way in which a farmer can control crop diseases without using chemicals.
.....
25. Why are babies grouped under vulnerable people?
.....
26. Name the document used by parents to monitor the growth rate of a baby.
.....

Study the experiment below and answer the questions that follow.



27. Why doesn't ice at the bottom of a test tube melt?
.....
28. What type of soil allows water to go through it easily?
.....
29. To which group of machines is a winding road uphill?
.....
30. Give **one** reason why physical exercise are important to people.
.....

31. Give **one** raw material bees use to make honey.

.....

32. Why do electricians wear rubber gloves when handling electricity?

.....

33. Outline any **one** method used to control the spread of tuberculosis in your community.

.....

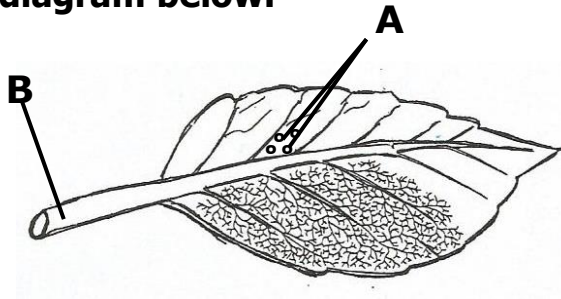
34. Why is an anemometer kept in a Stevenson screen?

.....

35. How does a vent help to reduce smell in a VIP latrine?

.....

Study the diagram below.



36. Identify part marked **B**?

.....

37. Give **one** function of part **A**.

.....

38. What is ECOSAN in full?

.....

39. Name the part of the skeletal system that protects the spinal cord.

.....

40. Which plant system develops above the soil?

.....

SECTION B (60mrks)

41. (a) Give any **two** examples of alloys.

(i)

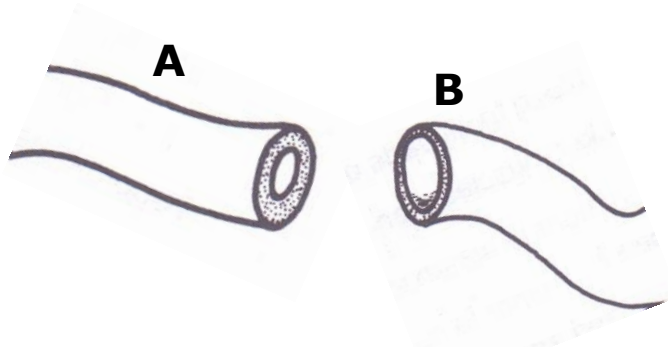
(ii)

(c) Apart from alloying metals, state any other **two** ways of conserving non-renewable resources in the environment.

(i).....

(ii).....

42. **Study the diagram below shows blood vessels use them to answer questions that follow**



a) Identify the type of blood vessel labelled **A** and **B**

(i) **A**.....

(ii) **B**.....

b) To which body system do the blood vessels belong?

.....

c) Identify **one** way of keeping the system in (b) above in a good working condition.

.....

43. (a) What are immunisable diseases?

.....

(b) State **two** examples of immunisable diseases.

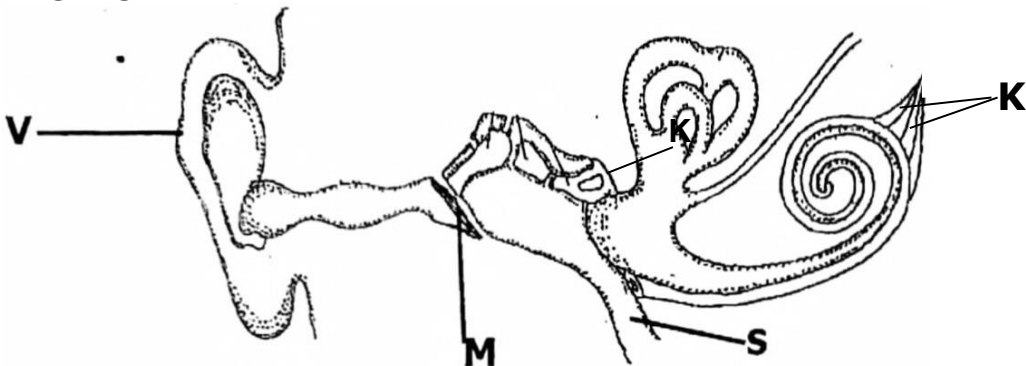
(i).....

(ii).....

(c) Give **one** way some immunisable diseases can be managed in a community without the use of drugs.

.....

44. The diagram below shows the human ear. Study and answer questions that follow



(a) Identify parts labelled **S** and **K**.

(i) **S**.....

(ii) **K**.....

(b) Which part collects sound waves?

.....

(c) Besides hearing, give **one** other use of the above organ to people.

.....

45. (a) Besides fighting, name any other **two** anti-social behaviours in a classroom.

i).....

ii).....

(b) Outline any **two** ways school administrators use to control anti-social behaviours in your school.

- i).....
- ii).....

46. (a) In **one** sentence, define the term crop rotation.

.....

.....

(b) Why are legumes included in a crop rotation cycle?

.....

c) Outline any **two** advantages of practicing crop rotation.

- (i).....
- (ii).....

47. (a) State the gestation period of a pig.

.....

(b) Why is it difficult to castrate a boar?

.....

(c) Mention **one** disease which attack pigs.

.....

(d) Mention any **one** breed of pigs kept in Uganda.

.....

48. **The diagram below shows a garden equipment commonly used in rural areas. Study and answers question 48.**



(a) Identify the garden equipment shown above.

.....

(b) Name **one** material used to make the above equipment.

.....

(c) Give one use of the above equipment to family members.

.....

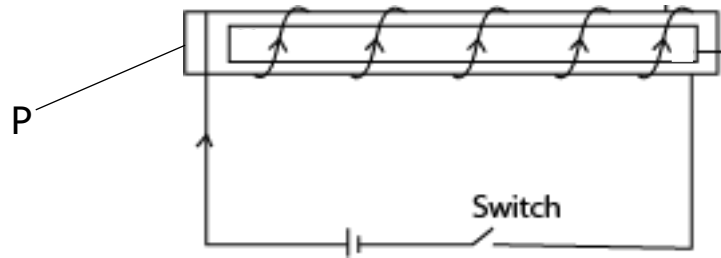
(d) Write one way of caring for the above equipment at home.

.....

49. Complete the table below.

VACCINE	DIESEASE	SITE	AGE
_____	Tuberculosis	Right upper arm	At birth
Measles vaccine	Measles	_____	_____
_____	Diphtheria	Left upper thigh	6wks, 10wks, 14wks

50. Study the diagram below carefully and use it to answer questions about it.



a) Identify the method of magnetization shown above.

.....

b) Name the pole marked **P**.

.....

c) Mention one device that uses the magnet made by the method mentioned in "a" above.

.....

d) How can the above magnet be demagnetized?

.....

51. An object has the density of 2g/cc.

a) What happens to such an object when put into water?

.....

b) Give **two** examples of such objects.

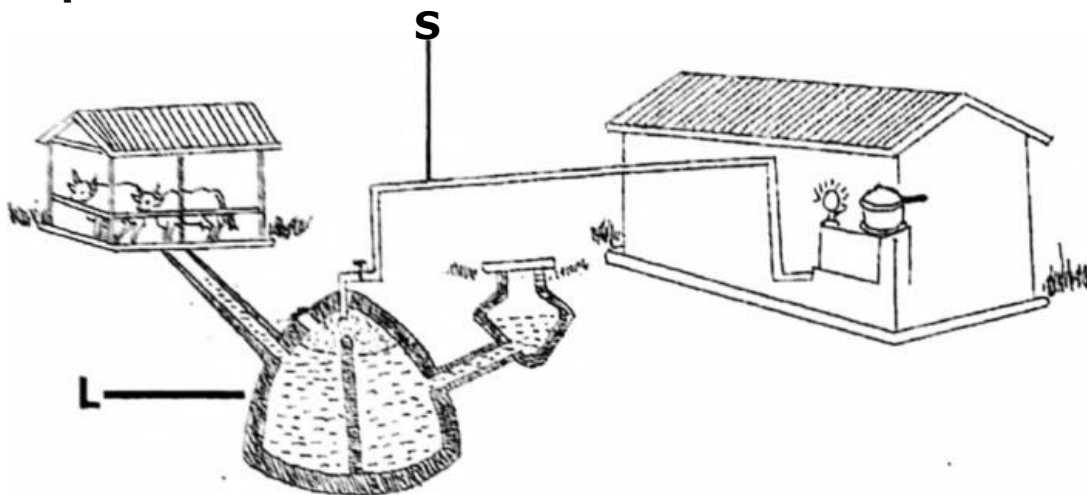
(i)

(ii)

c) Why does the above object behave as in "a" above?

.....

52. **The diagram below shows production of a gas fuel. Study and answer question 52.**



(a) Name the equipment marked **L**.

.....

(b) Mention any two materials used in container marked **L**.

i)

ii)

c) Give any **one** use of the gas fuel found at **S**.

.....

53. (a) Name the female reproductive cell in mammals.

.....

(b) What do we call the production of the female reproductive cells in women?

.....

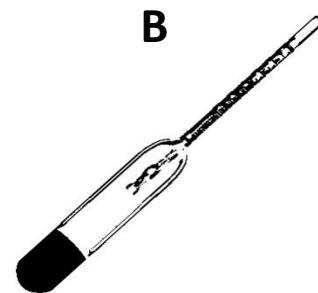
(c) Which method of family planning can help one to control the spread of STDs?

.....

(d) Write down **one** disorder of the female reproductive system in people.

.....

54. **Study the diagrams below and use them to answer question that follow.**



(a) Name the instruments named **A** and **B** as used in dairy farm management.

(i) **A**

(ii) **B**

(b) State the function of **A** instruments to the cattle farmer.

.....

(c) Which type of cattle is kept by the farmer who uses the above instruments?

.....

.55. (a) Name any **one** body organ affected by alcohol.

.....

(b) State any **one** effect of alcoholism to the following.

(i) an individual

.....

(ii) a community

.....

(c) Give any one-way P.7 children can protect themselves from alcoholism.

.....

END

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