



THE SPECTRUM EXAMINATIONS HUB

ENTEBBE ROAD PRIMARY SEVEN CONTINUOUS ASSESSMENT 2024 INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

	EMIS No.						Personal No.		
Index No.									

Pupil's name:

school name:

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 15 questions (60 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or blackball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. No calculators are allowed in the examination.
7. Unnecessary changes in your work and 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 the boxes inside the question paper.

FOR EXAMINER'S USE		
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		

SECTION A

1. Name the element of weather that helps crop farmers to carryout winnowing.

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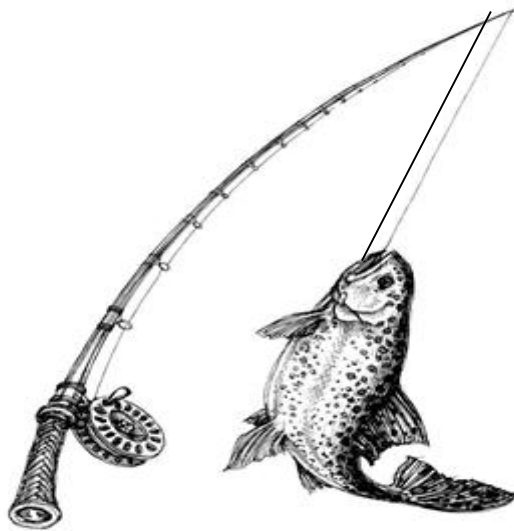
2. Mention any one fungal disease that affects the human skin.

.....

3. How is culling important in poultry management?

.....

The diagram below is of a fishing rod. Study it and use it to answer questions 4 and 5.



4. Name the class of levers to which the fishing rod belongs.

.....

5. On the diagram above label the load.

6. Why is it advisable to keep potted plants in a room where

people live?

.....

7. Give any one disorder of the human digestive system.

.....

8. Why is the filament of an electric bulb coiled?

.....

9. In which part of an onion plant is food stored?

.....

10. State any way in which the fish benefits from its slippery body.

.....

11. How is the function of the cotyledon in the maize grain different from that in a bean seed?

.....

12. Give any one way in which school children benefit from a school garden.

.....

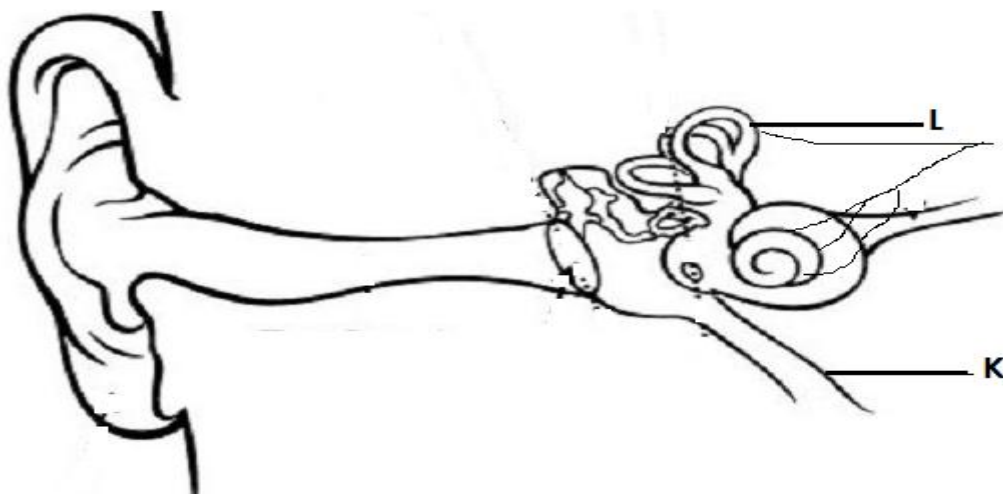
13. What is the importance of giving a person who has drunk paraffin fluid like milk to drink?

.....

14. State the best way of preventing childhood immunisable diseases.

.....

The diagram below shows a human ear. Study and use it to answer questions 15 and 16.



15. Name the part marked K.

.....

16. State the function of the part marked L on the human ear above.

.....

17. Which disease vector spreads river blindness to people?

.....

18. How does painting helps to prevent a metallic objects from rusting?

.....

19. State any one way of increasing the volume of blood in the human body.

.....

20. In which one way are air sacs (alveoli) able to carry out gaseous exchange?

.....

21. Why is it more difficult to push a wheelbarrow uphill than downhill?

.....

22. Apart from making alcohol, state any one other way in which distillation is useful to people.

.....

23. State any one factor to consider before sorting clothes for washing.

.....

24. How does a candle manufacturer benefit from bee keeping?

.....

25. Apart preventing teenage pregnancy, give one other reason why school girls are advised to abstain from sex.

.....

26. State the importance of moulting to an insect.

.....

27. What is the function of the cortex in the kidney?

.....

28. How does buoyancy (upthrust) force affect the weight of objects in water?

.....

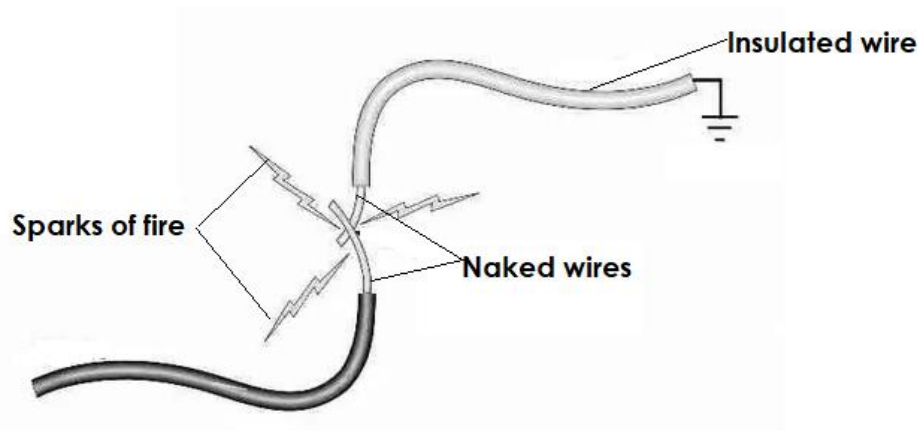
29. How is a chameleon important to human beings?

.....

30. Give one breed of goats kept for milk production.

.....

The diagram below shows a condition during the flow of electricity along electric wires. Study and use it to answer questions 31 and 32.



31. Identify the electrical condition shown above.

.....

32. Write any one cause of the above condition during flow of electric current.

.....

33. Why is it no advisable to stop petrol fire using water?

.....

34. State any one way in which colostrum is important to a newly born calf.

.....

35. What would you do to the garden where planted seeds failed to germinate?

.....

36. Why does a clay-made charcoal stove use less charcoal than a metallic one?

.....

37. State any one habit that helps to promote oral health.

.....

38. What is the importance of a chimney on a kitchen?

.....

39. State any one reason why clay soil is used for making ceramics.

.....

40. In which part of a lens camera are images formed?

.....

SECTION B:

41. (a) Name the part of a house that performs the following functions.

(i) Lets fresh air into the house.....

(ii) Lets warm air out of the house.....

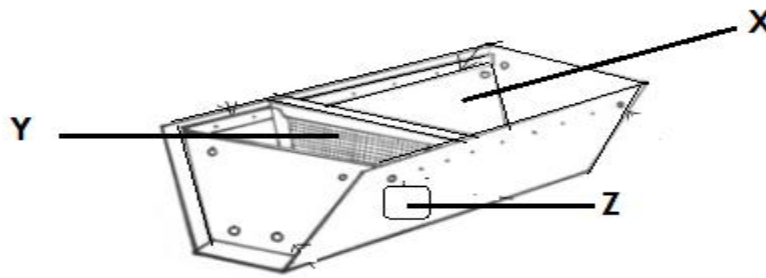
(b) By what process does heat travel through a saucepan placed on a gas cooker?

.....

(c) State any one way in which insulators of heat are useful to people.

.....

42. The diagram below shows a type of bee hive. Study and use it to answer the questions that follow.



- (a) Name the parts marked x and Z.
- (i) X.....
- (ii) Z.....
- (b) State any one function of the part marked Y on the beehive above.
-
- (c) Identify the type of beehive shown above.
-

43. The table below shows parts of a flush toilet with their function in the wrong order.

Part	Function of part
Toilet	Stores faeces and urine.
Bowl	Stores water for flushing the toilet.
Cistern tank	For the user to sit on when defecating.
Septic tank	For depositing faeces and urine.

Write the correct order in the table below

Part	Function of part
Toilet	
Bowl	
Cistern tank	
Septic tank	

44. A primary five pupil mixed sugar with water and stirred.

(a) State what happened to sugar.

.....

(b) Why did sugar behave as stated in (a) above?

.....

(c) Identify the name given to the following substances in the above experiment.

i) Sugar.....

ii) water.....

45. (a) Name any two examples of wedges.

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

(b) Give any two ways in which a crop farmer uses wedges.

i).....

ii).....

46. The list below shows food stuffs that belong to different classes of food. Use it to answer the questions that follow.

Orange, honey, iodised salt, cassava

(a) In which class of food does iodised salt belong?

.....

(b) Name any one class of food which is not represented in the above list.

.....

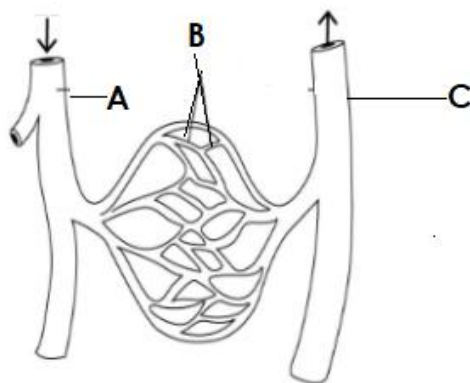
(c) Identify any one food stuff you would advise a brick maker to eat.

.....

(d) How are oranges useful to human health?

.....

47. The diagram below shows blood vessels in the human circulatory system. Study and use it to answer the questions that follow.



(a) Name the blood vessels marked A and B.

(i) A..... (ii) B.....

(b) State any one structural difference between blood vessels A and blood vessel C.

.....

(c) Give any one function of blood vessel B during blood circulation.

.....

48. (a) What germ causes gonorrhoea in human beings?

.....

(b) Give any two signs of gonorrhea.

(i).....

(ii).....

(d) State any one way of preventing gonorrhea in human beings.

.....

49. (a) Give any two ways in which drug dependence can affect an individual.

(i).....

(ii).....

(b) State two ways in which an individual can avoid drug dependence.

i).....

ii).....

50. (a) Mention any two chemicals used to treat water.

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

(b) Apart from using chemicals, state any one other method used to make water safe for drinking.

.....

(c) Why is water obtained by filtration not good for drinking?

.....

51. (a) Apart from compost manure, mention any two other examples of natural fertilizers

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

(b) Why should water be sprinkled on a compost pit or heap?

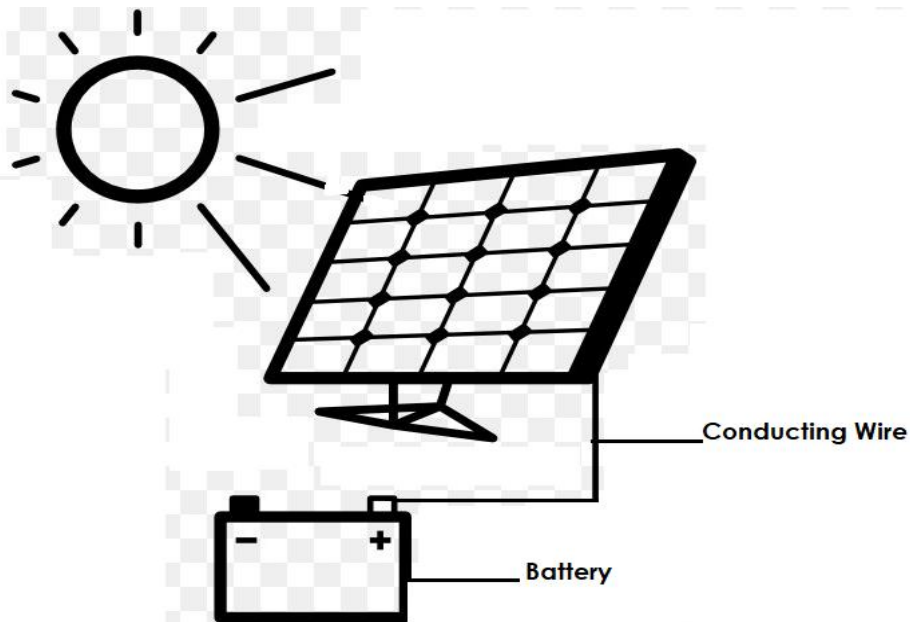
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(c) State any one advantage of using natural fertilizers over artificial fertilizers.

.....

.....

52. The diagram below shows a device used in the production of electricity. Study carefully and use it to answer the questions that follow.



- (a) Identify the device shown in the diagram above.

.....

- (b) Give any one reason why the above device is usually

- (i) Placed on top of a house roof

.....

- (ii) Painted black on the surface

.....

- (c) Name any one electrical appliance that uses electricity produced by the above device.

.....

53. (a) Give any one reason why a passion fruit plant climbs others.

.....

(b) Apart from a passion fruit plant, name any one other plant that climbs others.

.....

(d) State any two ways how plants with weak stems climb others.

(i).....

(ii).....

54. The table below shows groups of birds, types food eaten and nature of peaks. Study it and complete correctly.

Group	Type of food	Nature of peak
Climbing birds	Strong pointed and chisel shaped beak
.....	Flesh	Strong sharp hooked beak
Wading birds	Long thin beak
Swimming birds	Fries, toads and frogs

55. (a) Name the fungus used in the following;

- (i) brewing of alcohol.....
- (ii) making of antibiotics.....
- (b) State any two ways in which fungi are harmful to people.
 - (i).....
 - (ii).....

END