

THE ARIZONA EXAMINATIONS

P.5 INTEGRATED SCIENCE END OF TERM I 2024

Time Allowed 2 Hours 15 Minutes

Pupil's Name.....

Pupil's Signature.....

School Name.....

District Name.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. The paper is made up of **two** sections: A and B
Section A has 40 questions (40marks).
2. Section B has 15 questions (60marks).
3. Answer all questions in both sections A and B.
4. All answers must be written in the spaces
provided in blue or black ball point pens & ink.
Only diagrams should be done in pencil.
5. Unnecessary crossing of answers will lead to
loss of marks.
6. Any handwriting, which cannot be easily read,
may lead to loss of marks
7. Do not fill anything in the boxes indicated **FOR
EXAMINERS' USE ONLY.**

Organized by:



@The ARIZONA EDUCATIONAL
CONSULT- KAMPALA

FOR EXAMINER'S USE ONLY		
PAGES	MARKS ATTAINED	INITIALS
2		
3		
4		
5		
6		
7		
8		
TOTAL		

APPROVED

[Signature]
Team head SCIENCE dept. (AEC)

SECTION A. (40 marks)

1. State the importance of banana fibres to a primary five pupil.

2. Mention any **one** activity done to promote personal hygiene.

3. State the importance of a queen excluder in a modern bee hive.

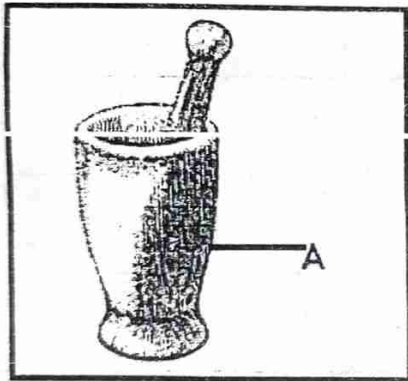
4. Identify any **one** food stuff that is a source of protein.

5. State **one** way of preventing burns and scalds.

6. Why should a floor or a hutch be made slanting?

7. State any **one** way of managing the rainy weather.

The diagram below shows an item used at home. Study and use it to answer questions 8 and 9.



8. Name the item marked A.

9. How is the item named in 8 above useful at home?

10. State the reason why babies are immunized with BCG vaccine at birth?

11. State the type of family that is made up of father, mother and adopted children.

12. What determines the sinking and floating of an object?

13. How does the female anopheles mosquito spread malaria.

14. Name the manmade change that increases the number of trees in the environment.

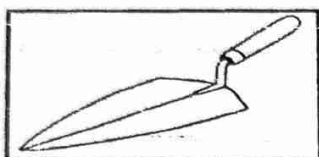
15. Why should a home maintain proper sanitation?

16. State the importance of warmth during seed germination.

17. Name the type of soil with the highest capillarity.

18. Identify **one** way of saving electricity at home.

Diagram the below shows a garden tool. Study and use it to answer questions 19 and 20.



19. Name the garden tool shown in the diagram above.

20. State the importance of the garden tool above to a farmer.

21. Why should layer chicken be fed on food rich in calcium?

22. State the difference in feeding between a tapeworm and a hookworm.

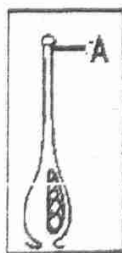
23. State the adaptation of molars and premolars to grinding food.

24. Write down any **one** PIASCY message.

25. State any **one** reason for rearing domestic animals at home.

26. Identify any **one** project carried out in your community.

The diagram below shows a part of a flower. Study and use it to answer questions 27 and 28.



27. Name the part of a flower shown in the diagram.

28. How is part A useful to a flower during pollination?

29. State the importance of splints in giving first aid.

30. Mention any **one** characteristic common in all insects.

31. Which body organ is responsible for breathing?

32. Why do animals move from one place to another?

33. How are lions dangerous in the environment?

34. State the importance of dustbins found in the school compound.

35. Identify any **one** method of harvesting honey.

36. Name the sense organ that uses light to function.

The diagram below shows a root system. Study and use it to answer questions 37 and 38.



37. Name the root system shown in the diagram.

38. Identify **one** crop that has the root system above.

39. Why should we wash our hands before eating?

40. State one advantage of studying from a cemented classroom.

SECTION B (60 Marks)

41. (a) What is photosynthesis?

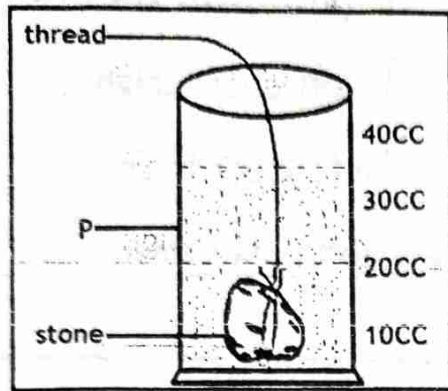
(b) State **two** raw materials for photosynthesis.

(i)

(ii)

(c) How is chlorophyll important during photosynthesis?

42. The diagram below shows a method of finding the volume. Study and use it to answer questions that follow.



(a) Name the container marked P.

(b) How is a thread useful during this method of finding the volume?

(c) Find the volume of a stone.

(d) Apart from container P, name another container used in this method.

43. (a) Mention any **two** activities done to promote sanitation.

- (i) _____
(ii) _____

(b) Name any **one** disease that breaks out due to poor sanitation.

(c) State any **one** tool used in promoting sanitation.

44. (a) Write down any **two** advantages of mulching.

- (i) _____
(ii) _____

(b) Suggest any **one** material used in mulching.

(c) Besides mulching, give **one** practice done to care for growing crops.

45. Study and complete the table below correctly.

Immunisable disease.	Vaccine.	Site of administration.
tuberculosis	BCG vaccine	(a)-----
(b)-----	DPT vaccine	left upper thigh
(c)-----	Hep b vaccine	left upper thigh
influenza	(d)-----	left upper thigh

46. (a) What is swarming?

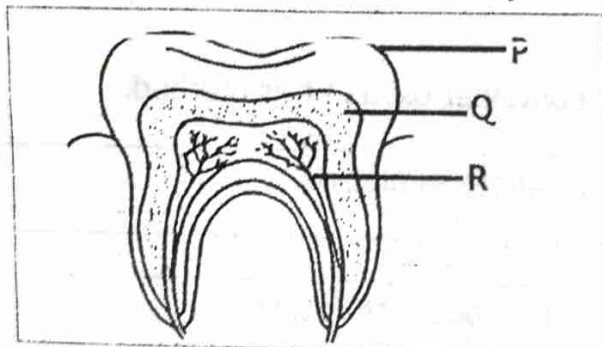
(b) State any **two** causes of swarming.

(i) _____

(ii) _____

(c) How can a farmer prevent swarming?

47. The diagram below shows a tooth. Study and use it to answer questions that follow.



(a) Name the parts marked,

(i) R _____

(ii) Q _____

(b) State the class of food that hardens part P.

(c) State any **one** way of caring for teeth.

48. (a) which weather instrument is used to,

(i) Measure the speed of wind.

(ii) Measure the amount of rainfall received.

(d) How are the following types of weather managed,

(i) Rainy weather.

(ii) Sunny weather.

49. (a) What do we call the act of giving birth in rabbits?

(b) State the reason of,

(i) Raising the hutch above the ground.

(ii) Putting a wire mesh on the hutch.

(c) Identify any one disease of rabbits that attack poultry.

50. (a) State the difference between diarrhoea and dysentery.

(b) Name the immediate effect of diarrhea to an individual.

(c) Write down any **two** ways of controlling the spread of diarrhea and dysentery.

(i)

(ii)

51. (a) Identify the system of keeping poultry that is preferred by most commercial farmers.

(b) State the importance of the following in poultry house.

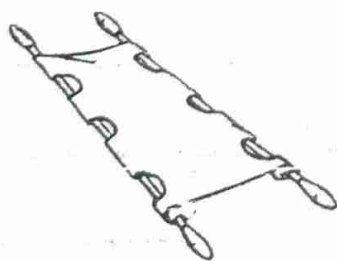
(i) Perches

(ii) Litter.

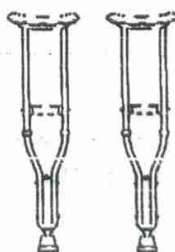
(c) How can a farmer control the spread of diseases among poultry?

52. Use the diagram below to answer questions that follow.

A



B



(a) Name the first aid equipment marked,

(i) A _____

(ii) B _____

(b) Why are the above first aid equipment not kept in a first aid box?

(c) State **one** importance of giving first aid to a casualty.

53. (a) Write down any two properties of air.

(i) _____

(ii) _____

(b) Which component of air occupies,

(i) 21% _____

(ii) 0.03% _____

54. Match the following terms used in soil with their meanings.

Soil terms.	Meanings.
Soil texture	Ability of soil to support plant growth.
Soil profile	Down movement of soil nutrients too deeper layers where plant roots cannot reach.
Soil fertility	Layers where plant roots cannot reach.
Soil leaching	Vertical arrangement of soil layers.

(i) Soil texture _____

(ii) Soil profile _____

(iii) Soil fertility _____

(iv) Soil leaching. _____

55. (a) What is personal hygiene?

(b) State the importance of the following in maintaining personal hygiene.

(i) Sponge.

(ii) Soap.

(c) Why should we keep proper personal hygiene?

END