

U.N.E.B. ASSESSMENT

P.6 INTEGRATED SCIENCE

TERM I EXAMINATION

NEW CURRICULUM

Time Allowed: 2 Hours 15 Minutes

Name.....

Signature

School name

District name

Read the following instructions carefully

1. The paper has two sections: A and B
2. Section A, has 40 short answer questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Answer ALL questions. All answers to both sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alterations of work may lead to loss of marks
7. Any handwriting that cannot be easily read may lead to loss of marks
8. Do not fill any thing in the box indicated for examiner's use only.

FOR EXAMINER'S
USE ONLY

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Q.N. No.	MARK	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

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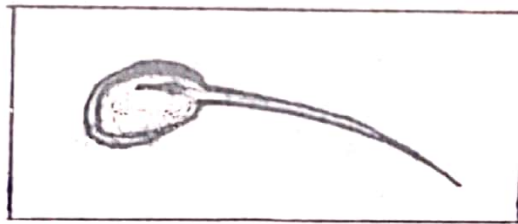
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Turn over

SECTION A (40 MARKS)

1. Name the type of feathers that enable a bird to fly.
.....
2. Give any one disadvantage of a traditional beehive.
.....
3. State one element of weather which enables people to dry harvested crops.
.....
4. State any one disadvantage of a modern beehive.
.....
5. If an object has a mass of 40gm and volume of 20cc. Calculate its density.
.....
6. What do we call water in solid form?
.....

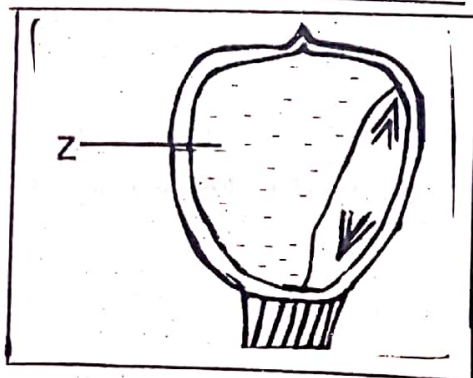
Use the diagram below to answer questions 7 and 8.



7. What does the bird in the diagram feed on?
.....
8. How is the bird adapted to the kind of feeding?
.....
9. Identify one main food value got from eating eggs.
.....
10. Why are rats regarded as vertebrates?
.....
11. What are warm blooded animals?
.....
12. Give one product got from a bee farm.
.....

13. Why is a kiwi unable to fly?
.....
14. On what part of a flower is pollen deposited?
.....
15. Give one example of a leguminous plant.
.....
16. Why is loam soil the best for plant growth?
.....
17. In which one way are the nimbus clouds important to a crop farmer?
.....
18. State the property of air that enables us to drink juice using a straw.
.....
19. Mention any one childhood immunisable disease.
.....
20. How best can a P.6 child remove germs from fingers after visiting a latrine?
.....
21. Which part of a sugarcane plant stores food?
.....
22. Give the function of petals to a flower.
.....

The diagram below is a maize grain.



23. Name the part marked Z on the maize grain.
.....
24. How is a maize grain similar to a fruit?
.....

25. What term is used to mean the ability of a seed to germinate when given necessary conditions?
26. Which method of poultry keeping allows poultry to roam about looking for food?
27. Why is it important to apply splints on a fractured leg?
28. How is the propagation of carrots similar to that of beans?
29. Apart from crocodiles name one other example of an aquatic animal.
30. Why is it a good practice to boil water for drinking?
31. State the part of a plant that makes food for the plant.
32. Name any one material that can be used as litter in a poultry house.
33. Write down any one example of a cereal crop
34. Why is carbon dioxide used in putting out fire?
35. What part does a fish use for breathing?
36. Why does a stone sink in water?
37. Which method of heat transfer enables a girl to dry washed clothes on a wire?
38. Name one tool farmers use for closed castration in male goats.
39. In the space provided below, draw a diagram to show that air exerts pressure.
40. Apart from yellow fever, name one other disease spread through mosquito bites.

SECTION B

41. (a) Define the term soil profile.

(b) Give any two ways in which people use soil.

(i)

(ii)

(c) State any one harmful material that pollutes soil.

42. The diagram below are a foot and beak of a bird.



(a) Identify the group of birds with the type of foot and beak shown.

(b) How do the parts of the bird shown above help it live well in its environment?

(i) Foot

(ii) Beak

(c) Give any one example of a domestic bird with such type of beak and foot.

43. (a) Name the enzyme that acts on uncooked starch in the duodenum.

(b) What is the role of enzymes during digestion?

(c) State any two characteristics of enzymes.

(i)

(ii)

44. (a) Give the main reason why farmers keep Angora breeds of goats.

(b) State two reasons why farmers prefer keeping exotic breeds of goats to local ones?

(i)

(ii)

(c) Give the use of feeding a pregnant goat on feeds rich in proteins.

.....

45. (a) Write PHC in full.

.....

(b) Mention any one principle of PHC.

.....

(c) Give any two elements of PHC.

(i)

(ii)

46. (a) What is meant by the term Immunity?

.....

(b) Give one type of immunity.

.....

(c) State one way a baby acquired immunity.

.....

(d) Point out any one method used to administer vaccines in the body.

.....

47. (a) In the table below, part A shows farm records and part B shows their importance.

Part A: Farm records

Part B: Importance

Breeding records

Show the amount of feeds given

Production record

Show equipment used on the farm

Inventory records

Show reproduction, birth or death rates

Feeding records

Show yields of farm produce

(i) Breeding records

.....

(ii) Production record

.....

(iii) Inventory records

.....

(iv) Feeding records

.....

48. (a) Write down two activities done by young farmers clubs in a school

(i)

(ii)

b) State any two ways in which young farmers clubs are important in a school.

(i)

(ii)

49. (a) Give any two examples of poultry vices.

(i)

(ii)

(b) State any two causes of poultry vices.

(i)

(ii)

50. (a) What name is given to the diseases we get due to poor feeding?

.....

(b) List two examples of such diseases in (a) above.

(i)

(ii)

(c) State one way of getting free from such diseases.

.....

51. (a) What instrument is used to measure human body temperature?

.....

(b) State the normal body temperature of a human being.

.....

(c) How does heat travel through the vacuum?

.....

(d) Give any one use of heat in our homes.

.....

52. (a) List down any two types of soil erosion.

(i)

(ii)

(b) State two ways of controlling soil erosion in hill areas.

(i)

(ii)

53. (a) What do we call the general cleanliness of our body?

(b) State one importance of keeping our bodies clean.

(c) Why should we iron clothes before warming them?

(d) How useful is soap when bathing?

54. **Study the immunisation table below.**

Disease	Vaccine	Site of immunisation
Tuberculosis	(i)	Right upper arm
Measles	Measles vaccine	(ii)
(iii)	Polio vaccine	(v)

55. (a) Name the two sets of teeth that develop in human beings.

(i)

(ii)

(b) Which mineral salt is required for the growth of strong teeth?

(c) State any one disease that results from poor oral hygiene.

END

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