



U.N.E.B ASSESSMENT

P.7 TERM ONE EXAMINATION

INTEGRATED SCIENCE

NEW CURRICULUM

TIME Allowed: 2 Hours 15 Minutes.

	EMIS NO.						PERSONAL NO.		
INDEX NO.									

Name:.....

Signature:.....

Emis No.....

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 space provided.
5. All answers must be written using a blue or black Ball point pen ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration 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 anything in the box indicated for examiners' use only.

FOR EXAMINER'S
USE ONLY

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QN 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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Turn Over

SECTION A

1. Name any one example of a primate.

2. How is the nictitating membrane useful to birds during flight?

3. What type of fertilization do snakes undergo?

4. A part from hiding from enemies, how else is common flaging important to a chameleon.

5. Give one way in which fish help to control deficiency diseases at home.

6. To which group of invertebrates does a snail belong?

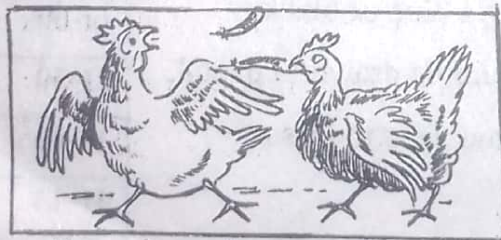
7. Where do female anopheles mosquitoes lay their eggs?

8. Why is a rat grouped under mammals?

9. Name the structure crustaceans use for breathing?

10. Give one importance of bacteria in the environment.

The diagram below shows a fowl vice



11. Name the poultry vice shown above

12. Why does a ball thrown in air fall back to the ground?

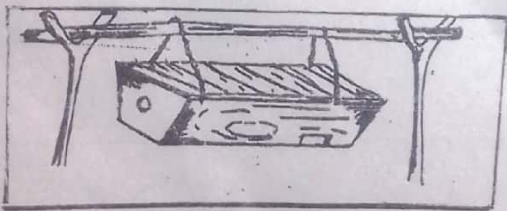
13. Which fluid in the body is stored shortly in the urinary bladder?

14. How does a porcupine protect itself?

15. Give any one way of avoiding tapeworm infestation.
16. Why are some vertebrates regarded as poikilotherms?
17. In which way are drums similar to xylophones?
18. Why are walls and ceilings of cinema halls fitted with soft boards?
19. Apart from hearing, give any other function of the ear.
20. Which part of the skeleton protects the brain?
21. Why is displacement method used to find the volume of a broken bottle?
22. Which part of a seed allows water and air into the seed during germination?
23. Give one reason why people rear cattle.
24. Of what importance are fangs to a poisonous snake.
25. Mention any one example of a coniferous plant.
26. Name the method of making alcohol that involves evaporation and condensation process.
27. Write down any one type of soil.
28. State any one step taken in laundry.
29. Identify the method of grazing goats shown in the diagram below.
30. How is the feeding of an eagle different from that of a sunbird?

31. Mention one example of a storage pest.
-
32. Give any one example of a renewable resource in the environment.
-
33. State any one effect of taking excessive alcohol to humans.
-
34. Give one way of maintaining the human skeleton in a good working condition.
-
35. State the role of the gila found in the nose during breathing.
-
36. At what age is the measles vaccine administered?
-
37. Mention the mineral salt absent in breast milk.
-
38. If the mass of a stone is 60g and its volume is 30cc. Calculate its density.
-

The diagram below shows a hanging bee hive.



39. Identify any one material that can be used to prevent enemies from attacking the hive.
-
40. Give one example of a hinge joint in the human body.
-

SECTION B

41. (a) Why should drugs be kept out of children's reach?

(b) Give three dangers of buying drugs from local shops

i. _____

ii. _____

iii. _____

42. (a) What is transpiration?

(b) Which process in human being are similar to the following in plants.

(i) Transpiration: _____

(ii) Watering plants: _____

(iii) Wilting: _____

43. (a) Define the term conservation of resources.

(b) Give two reasons why we conserve resources.

i. _____

ii. _____

(a) State one way we can conserve plant resources.

44. (a) What is an accident?

(b) Mention two examples of accidents on our way to school.

i. _____

ii. _____

(c) What is the main reason for giving first aid?

45. (a) What causes fainting?

(b) Identify two conditions that may lead to fainting.

i. _____

ii. _____

(c) Why should the legs of a fainted victim be raised up?

46. (a) Give the use of a clinical thermometer

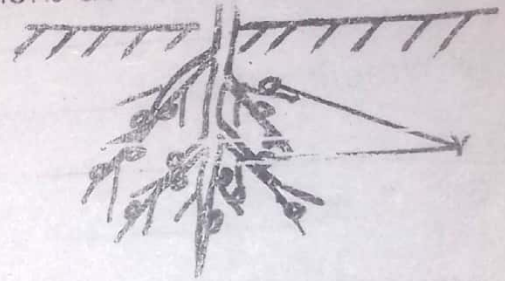
(b) State any three parts of the body of a patient where a clinical thermometer is commonly put by a doctor.

i. _____

ii. _____

iii. _____

47. Study the diagram below and answer questions about it.



(a) Name the structures marked with letter Y

(b) State any two crops which have the structures marked Y on their roots.

i. _____

ii. _____

(c) Write any one type of roots

48. (a) Mention the structure that joins a bone to a bone.

(b) Give one example of the following types of joints.

(i) gliding joint: _____

(ii) suture joint: _____

(c) Name the food substance which helps in the formation of strong bones.

49. (a) Give two characteristics of wind pollinated flowers.

- i. _____
- ii. _____

(b) Why is a moth able to pollinate plants at night?

(c) What is self-pollination?

50. (a) Why does blood move from the heart to the lungs before it moves round the body?

(b) Give any one function of each of the following.

- (i) Platelets: _____
- (ii) White blood cells: _____
- (iii) Red blood cells: _____

51. (a) What are Arthropods?

(b) Give two characteristics of arthropods.

- i. _____
- ii. _____

(c) Why do arthropods moult?

52. Match items in List A with those in B

List A

List B

(i) Dogs

River blindness

(ii) Rat fleas

Typhus fever

(iii) Ticks

Rabies

(iv) Blackfly

Bubonic plague

(i) Dogs _____

(ii) Ratfleas _____

(iii) Ticks _____

(iv) Blackfly _____

53. (a) Name any two components of air

i. _____

ii. _____

(b) Name the gas that supports both burning and rusting.

(c) Identify the percentage of carbondioxide in the atmosphere.

54. (a) Give the meaning of the term soil conservation.

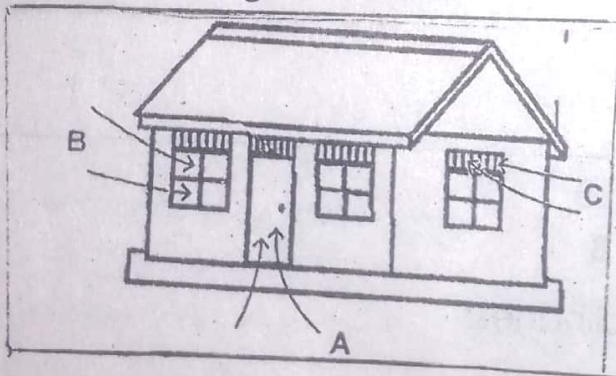
(b) Name any three ways of conserving soil.

i. _____

ii. _____

iii. _____

55. Study the diagram below.



(a) Name the parts labeled A, B, C

(i) A _____

(ii) B _____

(iii) C _____

(b) How is the function of part labeled "A" different from that part labeled "c"

END

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SECTION A:

1. Human being/ monkey/ bush baby/baboon/gorilla.
2. To protect eyes against moving air.
3. Internal fertilization.
4. To get food easily.
5. They are a source of proteins.
6. Mouscs/Molluscs
7. In stagnant water.
8. Have mammary glands.
9. - They breathe through gills.
-Use their moist skin.
10. Help in decomposition of organic matter.
11. Feather pecking.
12. By force of gravity.
13. Urine.
14. by using spines.
15. Eating well cooked meat.
16. These are vertebrates that do not maintain a constant body temperature.
17. Both are percussion musical instruments.
18. To reduce echoes.
19. For balancing the body.
20. Skull.
21. It has an irregular shape.
22. Micro Pyle.
23. For income when sold/ For meat
/ For milk
24. To inject venom.
25. Pines/ cedar/ Fir/ Gingko.

26. Distillation method.
27. Clay soil/ loam soil/ sand soil.
28. Sorting// Soaking// Rinsing
//Wriggling.
29. Tethering.
30. Eagle hunts and kills other animals for food while sun bird sucks nectar from plants.
31. Mice// bean Weevils.
32. Water/ plants.
33. Leads to brain damage.
34. -Doing regular physical exercise.
-Feeding on a balanced diet
35. They trap germ and dirt from entering the nose.
36. 9 months.
37. Iron.
38. $D = \frac{M}{V}$ // $D = \frac{60g}{30cc}$ // $D = 2g/cc$
39. Oil// grease on the wires.
40. Knee// Elbow.

SECTION B:

- 41.a) To prevent drug poisoning.
b) -Expired drugs may be bought.
-One may buy contaminated drugs.
-Drugs may not have clear prescriptions.
- 42.a) This is the process by which plants lose water to the atmosphere.
b) (i) Sweating.
(ii) Rehydration.
(ii) Dehydration.
- 43.a) Is the protection and prevention of resources.

b)- For future use.

-To prevent extinction of resources.

c) -Carrying out afforestation.

-Using energy saving charcoal stoves.

- Practicing agroforestry.

44. (a) Is a sudden happening that causes harm to the body.

b) Falls// car knocks// motor cycle knocks.

c)- To save life.

45.a) Shortage of blood supply to the brain

b) Prolonged hunger// Anxiety// Fear
// Extreme sorrow.

c) This allows blood flow faster to the brain

46. a) To measure human body temperature.

b) Anus// under the tongue// Armpit
/Vagina.

47.a) Root nodules.

b) Soya beans// beans/ Cow Peas.

c) Taproot// Fibrous roots.

48.a) Ligaments.

b) Wrist// Ankle.

c) Skull.

d) Calcium.

49.a)- Have no scent.

-Don't produce nectar.

-Produce a lot of pollen grains

b) They produce scent at night.

c) This is the transfer of Pollen grains from the anthers to the stigma of the same flower.

50 a). To drop Carbon dioxide and pick Oxygen.

b)(i) To clot blood in case of a cut.

(ii) To fight against diseases // To protect the body against diseases.

(iii) To transport Oxygen to all body parts.

51. a) are invertebrates with jointed legs and segmented bodies.

b) -Have jointed legs.

- Have segmented bodies.

c) To grow // To increase in size.

52. -Rabies.

-Bubonic plague.

-Typhus fever.

-River blindness.

53.a) Oxygen// Carbon dioxide
// Nitrogen// Rare gases

b) Oxygen.

c) 0.03%.

54. a) refers to the keeping of soil fertile and maintaining soil structure.

b) - Practicing crop rotation.

- Mulching.

- Putting fertilizers.

55. a) A -door B- Window C-Ventilators

b) Part labelled A allows in fresh air while part c takes out warm stale air.

N.B: Teachers should scrutinize this marking guide well before use and make supplement on answers where possible

=END=