

Note: Mark wrong spelling wrong and add sp on top to improve on spelling errors made by children. They should learn to correct their mistakes not you a tr.

OUTSPAN PRIMARY SCHOOL - NAMULONGE

MID - TERM I EXAMINATION, 2023

CLASS : P.6

SUBJECT : INTEGRATED SCIENCE

DURATION : 2 hours 15 minutes.

Name: (Rogers - 1-20) (Kenneth - 21-40).

House: (Kenon - 41-45) Date: (Ruth - 46-50)

(Joa - 51-55)

SECTION A (40 Marks)

(Each question carries 1 mark)

1. Name the food value in pawpaws.

Vitamins.

2. Mention any one example of a sinking object.

Stone Brick ball bearing

3. Apart from bees, give one other insect that pollinates flowers.

Moth Wasps butterfly.

4. Which body organ pumps blood to all parts of the body?

The Heart

5. Give a reason why garden tools are kept in clean dry places.

To prevent rusting.

6. How do amphibians reproduce?

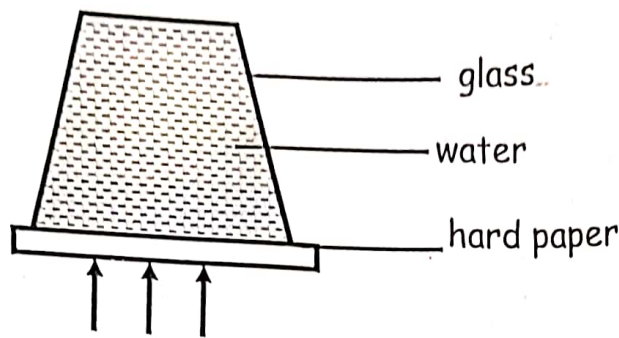
Laying eggs.

7. Which element of PHC promotes cleanliness in your bedroom?

Sanitation Personal hygiene

SECTION	MARKS
A	
B	

The diagram below shows a property of air. Use it to answer the question.



8. Which property of air is demonstrated in the diagram above?

Air exerts pressure.

9. Write one method of conserving wood fuel in a home.

Use energy saving stoves, Cover food Cooked Once.

10. Why is a lizard grouped under vertebrates?

A lizard has endo skeleton.

11. How is DPT vaccine administered in babies?

By injection u

12. Name the breed of goats kept for its mohair.

Angora.

13. What is echo as used in sound?

Reflected Sound we hear.

14. Why should school children be trained on the use of fire extinguishers at school?

To have skills of fire fighting incase of outbreak

15. Give one importance of mushrooms to people.

Used as food medicine.

16. State one way in which soil is formed.

Decomposition of Organic matter.

17. Name the germ that causes cholera.

Bacteria Vibrio Cholerae bacteria.

The diagram below is of an insect. Use it to answer question 18.



18. Which type of life cycle does the insect in the diagram above undergo?

Incomplete life cycle.

19. Give **one** method of controlling soil erosion in an area.

Mulching Terracing hilly land Contour ploughing planting grass

20. Name the pest that attacks cassava in the store. Planting trees

Rats

21. State **one** way of improving air circulation in houses where we live.

Putting windows and ventilators

22. How can we care for seedlings in a nursery bed?

Watering thinning providing shade Manuring spraying to kill pests.

23. Give the use of carbon dioxide gas to plants.

Raw material for photosynthesis

24. Mention **one** use of a thermos flask in a home.

Keeping hot things **hot** Keep cold things **cold**

The diagram below is of a foot of a bird. Use it to answer questions

25 and 26.



25. To which group of birds does the one with the foot drawn above belong?
~~Birds of prey~~ ~~Preying bird~~ Perching birds.

26. Name the structures marked with letter X.

Claw talon.

27. State one way in which accidents can be prevented in a home.

Handle hot things carefully. Avoiding bad games

28. How useful is a haltere to a housefly? Putt on shoes.

enable balance during flight

29. Why do we use water when bathing?

To remove dissolved dirt Remove sweat

30. Mention any one disorder of the digestive system.

Constipation Indigestion Vomiting Intestinal obstruction

31. Which type of root system has an onion plant?

Fibrous root system.

32. How important is docking in sheep rearing?

enables easy mating of sheep.

33. State one way in which plants climb others.

Using tendrils Using hooks Claspings

34. Write one way in which food gets contaminated.

Keeping in dirty place container, touch with dirty hand

35. How can you differentiate a cock from a hen? Leaving food uncovered.

Cock Big wattle Big Comb bright feathers long spur

Hen Small wattle Small Comb dull feathers Small spur

36. Give one product got from a bee farm.

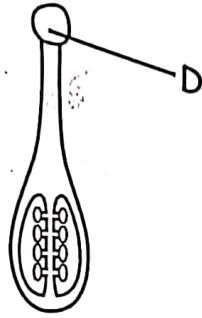
Honey wax Propolis Bee venom

37. State one reason why a pregnant woman is not advised to smoke.

Nicotine in tobacco can lead to miscarriage.

Causes addiction.

The diagram below is of a part of a flower. Use it to answer question 38.



38. Give the function of part marked D.

Stigma - receives pollen grains.

39. Which solvent is used in the making of ORS?

Water.

40. Name the part of an egg that develops into an embryo.

Germinal disc Embryo

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. (a) What is personal hygiene?

general cleanliness of our bodies and things we use.

(b) Mention two activities that promote oral hygiene.

(i) Brushing. Rinsing

(ii) Dental flossing. Remove Spilt teeth

(c) Name one object used in promoting body hygiene.

Sponge, Soap Toothbrush

42. (a) Give two advantages of keeping goats under zero grazing.

(i) Limited spread / contraction of diseases. Easy collection of manure.

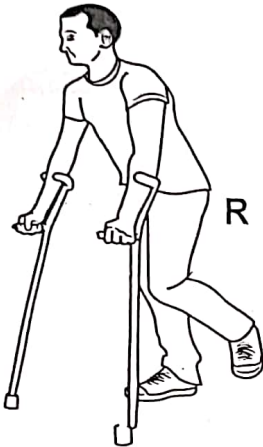
(ii) Easy record keeping.

(b) Apart from zero grazing, give two other methods of grazing goats and sheep.

(i) Tethering

(ii) Herding

43. The diagrams below are of children suffering from immunisable diseases.
Use them to answer the questions that follow.



(a) Which disease is person R and S suffering from?

(i) R Polio

(ii) S Measles

(b) How is the cause of the disease at R similar to that of S?

Both disease at R and that of S are caused by viruses.

(c) Give one way in which parents can prevent the above disease in their children.

Taking their children for immunisation.

44. Match the following body organs to their functions.

Body organ	Function
liver	filters blood
heart	used for breathing
lungs	produces bile juice
kidney	pumps blood to all body parts

i. liver produces bile juice.

ii. heart pumps blood to all body parts

iii. lungs used for breathing.

iv. kidney filters blood.

45. (a) To which group of mammals does a kangaroo belong?

Pouched mammals.

(b) Name one other animal that belongs to the group mentioned in (a) above.

Koala bear Wallaby. Opossums. Tasmanian devil

(c) How useful is the long tail to a kangaroo? stores energy
to enable it balance during hopping movement

(d) Name the structure where a female kangaroo keeps its young one.

Pouch.

46. (a) What is germination?

Dev't of seed embryo into seedling.

(b) Mention any two conditions necessary for germination.

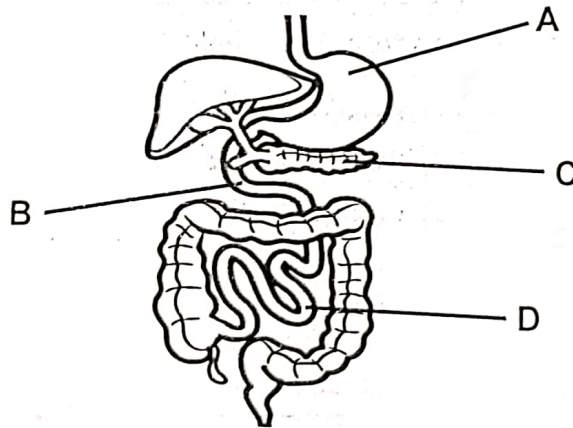
(i) Presence of warmth moisture

(ii) Oxygen

(c) Which garden tool is used for transplanting seedlings?

Trowel

47. The diagram below is of part of digestive system. Use it to answer the questions that follow.



48. (a) Name the parts marked by letters:

(i) A Stomach

(ii) B Duodenum

(b) Name the digestive juice produced by part marked with letter C.

Pancreatic juice.

(c) Which digestive process mainly takes place in part marked with letter D?
Completion of digestion Absorption of digested food

48. (a) Write down two examples of farm records on a rabbit farm.

(i) Production record Financial Inventory

(ii) Labour Feeding breeding

(b) State two reasons why farmers should keep farm records.

(i) access bank loans. fair taxation.

(ii) easy planning, Decision making

49. (a) Write two methods of preserving food.

(i) Smoking Boiling Refrigerating

(ii) Sundrying Salting. Canning Tinning

(b) Give two importance of preserving food.

(i) Promote food security.

(ii) future use

Pastuerisation.
Homogenisation

50. (a) Mention the component of soil that supports crop growth.

Humus.

(b) Apart from the one named in (a) above, write any other two components of soil.

(i) Air Bacteria Rock particles

(ii) Water Dissolved minerals

(c) In which way is soil useful to a builder?

Mix with ~~Be~~ cement to build houses.

51. (a) State two examples of fungi.

(i) Mushroom Bracket fungus

(ii) Toad stool Mould

(b) Give two uses of fungi to human beings.

(i) Medicine

(ii) Food

2. (a) State the life cycle where insects pass through three stages of growth.
Incomplete ~~sym~~ life cycle.

(b) Name two insects which undergo three stages of growth.

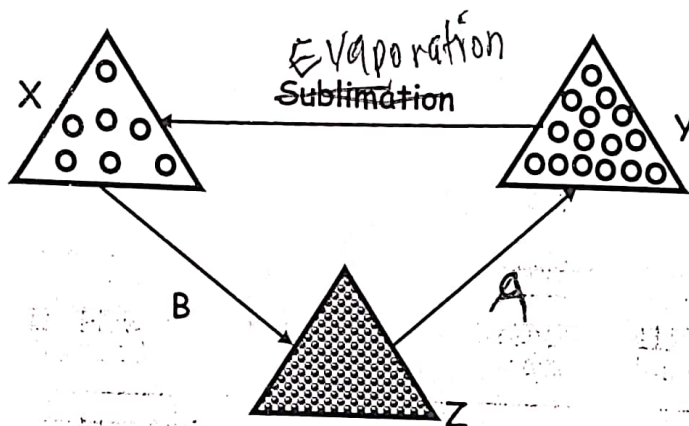
(i) Cockroach locust.

(ii) Grass hopper Cricket.

(c) How does pouring oil on stagnant water control vectors like mosquitoes?

To block the supply of O_2 to the larva

53. The illustration below is about physical changes. Use it to answer the questions that follow.



(a) Name the states of matter marked:

(i) X Gaseous state

(ii) Y liquid state

(b) Give the change of states marked:

(i) A Melting

(ii) B Sublimation

54. (a) State one importance of keeping poultry.

Meat eggs feathers Poultry downy Pets

(b) Why are the following types of poultry kept by farmers?

(i) layers egg prod chickens

(ii) broilers meat prod

(c) How can local breeds of chicken be improved?

Cross production

55. (a) Which type of tooth is responsible for the following:

(i) tearing food? Canine teeth.

(ii) cutting food? Incisors teeth.

(b) Name any one disease of the teeth.

Gingivitis Periodontal diseas Dental caris

(c) Why should we brush our teeth every after a meal?

To remove the remaining food particles between teeth.

Approved
Date
30/08/2023