NEXT EXAMINATIONS BOARD

PRE-PLE SET 12 (GORILLA)

Final Mark Scored	

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

Random NO.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

School Name: .....

Read the following instruction carefully:

1. Do not forget to write your **name** and **school name** anywhere on this paper.
2. This paper has **two** sections: **A** and **B** Section **A** has **40** questions and section **B** has **15** questions. The paper has **17 printed pages** altogether.
3. Answer **all** the questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. All answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil will **not** be marked.
5. Unnecessary **changes** in your work and handwriting that cannot be read easily may lead to **loss of marks**.
6. Do not fill anything in the table indicated: **"FOR EXAMINERS' USE ONLY"** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
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. Explain how defilement leads to teenage pregnancy in adolescent girls.

.....

.....

2. State one-way insects improve crop yields in the garden.

.....

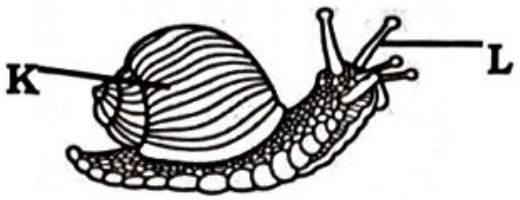
.....

3. Give a reason why liquids evaporate when heated.

.....

.....

Use the diagram below to answer question **4** and **5.**



4. Give a reason why the above organism is grouped under molluscs.

.....

5. State the role of part **K** to the above organism.

.....

.....

6. Name the method of food preservation where slow burning fire is used.

.....

7. State one way in which human beings use energy from the sun.

.....

8. Write one way convection is important in control of some communicable diseases.

.....

.....

The diagram below shows a change in state of matter. Use it to answer the questions **9** and **10**.



9. What is the state of matter at **Q**?

.....

10. State any one effect of heat on the state of matter marked with letter **R**.

.....

.....

11. Identify **one** way a p.3 child can tell that cockroach is an insect by looking at its body structure.

.....

.....

12. Bacteria are one of the decomposers in a food chain. Mention the role bacteria in a food chain.

.....

.....

13. State **one** reason why wind pollinated flowers produce a lot of pollen grains.

.....

.....

14. Mention any **one** characteristic of the chemical substances that speed up the rate of chemical digestion.

.....

.....

15. Write down the scientific name given to the material that is placed in the foundation of a building to prevent water from seeping through the walls.

.....

16. Identify **one** reason why tooth decay is common in molars and premolar teeth.

.....

.....

17. A veterinary doctor used a syringe to deposit semen in a vulva of goat. State **one** advantage of the above practice in goat farming.

.....

.....

18. Mention any **one** reason why the house of a sheep should be built with concrete floor.

.....

19. Give a reason why farmers prefer rearing cross breeds to exotic breeds of animals.

.....

.....

The diagram below shows an item used in homes, Study it and answer questions that follow.



20. Give a reason why part **C** is made of iron.

.....

21. Give the importance of the above tool in a home.

.....

.....

22. Mention **one** way how scrap metals can be reused in homes to reduce their danger in the environment.

.....

.....

The diagram below shows a moss plant. Use it to answer questions **23** and **24**.



23. Give the function of the part marked **N** to a moss plant.

.....

24. Name any other plant that belongs to the same group as the one above.

.....

25. State how the left ventricle of the human heart is adapted to pumping oxygenated blood at a higher pressure.

.....

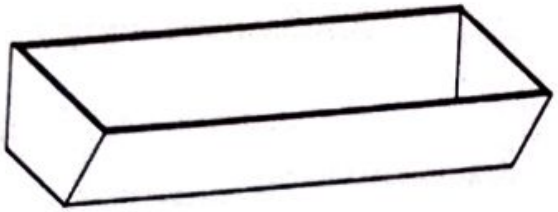
.....

26. Mention any one way in which trees are able to reduce air pollution in the environment.

.....

.....

Study the diagram below and use it to answer question **27**.



27. State the use of the poultry equipment above in feeding poultry.

.....

.....

28. Explain one way a chemical change is different from a biological change.

.....

.....

29. State how soil leaching affects the fertility of the soil in the environment.

.....

.....

30. Identify the property of air that supports the weight of a car tyre.

.....

.....

31. State a reason why a plastic pen rubbed on the hair is able to attract the small pieces of paper.

.....

.....

32. State the importance of the diaphragm during breathing in.

.....

.....

33. Give any one reason why a cough syrup is shaken before it is taken into the body.

.....

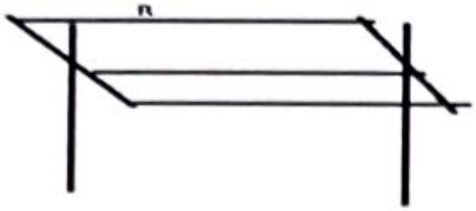
.....

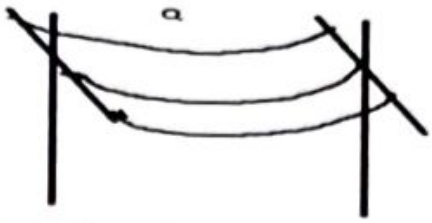
34. State any one condition under which harvested root tuber crops should be stored.

.....

.....

Study the illustrations below and use them to answer questions **35** and **36**.





35. Identify the type of weather that makes electric wires appear as shown in diagram **R**.

.....

36. Give a reason why electric wires appear as shown in **Q**.

.....

37. State the reason why shearing is done during the dry season.

.....

38. Give a reason why the lifecycle of a tsetse fly is called complete metamorphosis.

.....

.....

39. State the reason why a person making fire leaves spaces between firewood.

.....

.....

40. State one reason why a doe removes off some of its fur before kindling.

.....

.....

SECTION B:

41. (a) Write the meaning of each of the following terms;

(i) Demography

.....

.....

.....

(ii) Health Education

.....

.....

.....

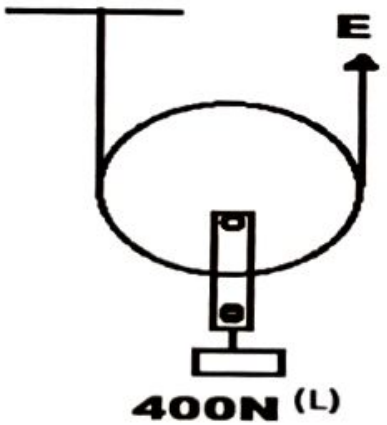
(b) Explain how a bushy compound in a home negatively affects the health of people in that home. (**2marks**)

.....

.....

.....

42. **The diagram below shows a type of pulley. Study it carefully and answer the questions that follow.**



(a) Name the type of pulley system shown above.

.....

(b) Give one advantage of using the above type of pulley system.

.....

.....

(c) Find the effort needed to raise the load in the above pulley. (**2marks**)

.....

43 (a) Identify the system that transports materials in the human body.

.....

(b) Mention the role of each of the following blood components in the body.

(i) Red blood cells

.....

.....

(ii) Platelet

.....

.....

(c) State any **one** structural difference between a vein and an artery.

.....

.....

44. Mr. Okafor plans to open up a ranch farm in Namutumba village.

(a) Name the type of cattle you would recommend Mr. Okafor to rear on his farm.

.....

b) Identify any **one** characteristic of the type of cattle that is kept for ranch farming.

.....

.....

c) Write down any **one** example of the type of cattle to be kept on a ranch farm.

.....

d) Mention any **one** way how people benefit from the ranch farm.

.....

.....

45. The table below shows classification of animals. Use it and answer questions that follow.

Group W	**Group X**	**Group Y**	**Group Z**
Duck	Frog	Cobra	Goat
Pelican	Newt	Tortoise	Porcupine
Eagle	Toad	Crocodile	Zebra

(a) Name the class of cold-blooded vertebrate represented by group X

.....

b) State one similarity between animals in group **W** and group Z

.....

(c) Identify the type of fertilization common to animals in group **Y**.

.....

(d)Write down **one** characteristic common to animals in all the groups.

.....

46. Kamwezi is planning to establish a coffee plantation, rear sheep and set up an apiary on an acre of land in Buhweju district.

a) Write the general term to refer to Kamwezi's practice.

.....

b) State one way bees benefit from the coffee plantation.

.....

c) Give a reason why Kamwezi is advised to plant coffee between the sheep pen and apiary.

.....

d) Write one-way Kamwezi's bee keeping benefits the cosmetic industry.

.....

.....

47. a) Give a reason why pregnant women are said to be vulnerable.

.....

.....

b) State one advantage of breast feeding to

i) mother.....

ii) baby.....

c) Identify one way breast feeding is a disadvantage in a family.

.....

.....

48. a) State two signs of calving in cattle.

i).....

ii).....

b) Give a reason why farmers smear milking jelly on the teats during milking.

.....

c) State the reason why farmers wash the udder of a cow with warm water before milking.

.....

49. The diagrams below are structures that are commonly used on latrine.



a) State the similarity between R and ventilators.

.....

b) Name the type of pit latrine that uses structure T.

.....

47. a) Give a reason why pregnant women are said to be vulnerable.

.....

.....

b) State one advantage of breast feeding to

i) mother.....

ii) baby.....

c) Identify one way breast feeding is a disadvantage in a family.

.....

.....

48. a) State two signs of calving in cattle.

i).....

ii).....

b) Give a reason why farmers smear milking jelly on the teats during milking.

.....

c) State the reason why farmers wash the udder of a cow with warm water before milking.

.....

49. The diagrams below are structures that are commonly used on latrine.



a) State the similarity between R and ventilators.

.....

b) Name the type of pit latrine that uses structure T.

.....

c) State the importance of T in the above mentioned latrine.

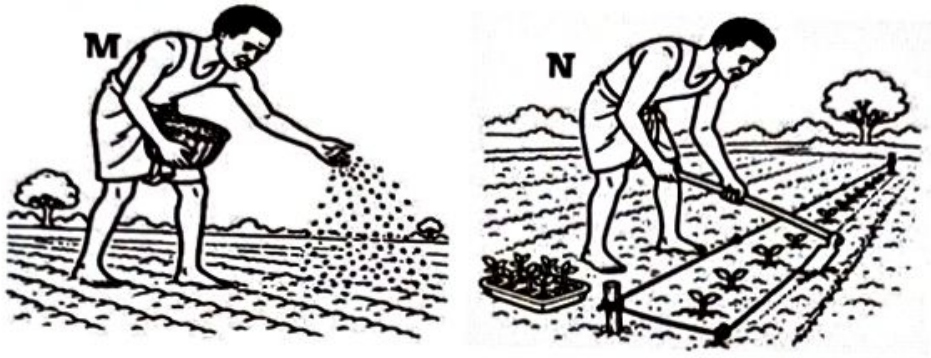
.....

.....

d) Give a reason for slashing tall grass around a pit latrine house.

.....

50. **The diagrams below show different methods of planting seeds. Study and use them to answer the questions that follow.**



a) Name the method of planting seeds showed in **N**.

.....

b) State two advantages of planting seeds using method **M.**

i).....

ii).....

c) State one advantage of seed selection before planting.

.....

.....

51 (a) Explain how over population causes poor water supply in an area. (2 marks)

.....

.....

.....

(b) List down **two** activities a school health committee can carry out to promote clean and safe food supply among the pupils.

i) .....

ii) .....

52. (a) Give an example in each of the following groups of pests.

i.Garden pests

.....

ii.Storage pests

.....

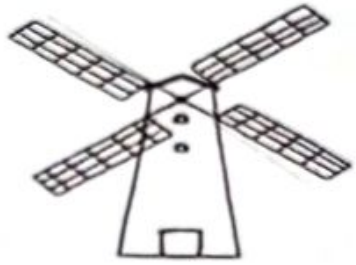
(b) Mention any **two** ways a farmer can manage pests in the garden without using chemicals.

i).....

ii).....

.....

53. The diagram below is of a device that uses wind to function. Study and use it to answer the questions that follow.



(a) Name the device shown above.

.....

(b) State a reason why the above device is raised off the ground.

.....

.....

(c) Explain how the use of the above device is friendly to the environment.

.....

(d) Name the importance of electricity produced by the above device to people.

.....

54. a) Give **one** example of an exotic breed of sheep reared in Uganda.

.....

(a) Name **one** example of a fibre got from the sheep.

.....

(b) State any **two** reasons why some farmers would prefer rearing sheep to cattle.

i).....

ii).....

55. You are provided with the following materials; Vaseline, a piece of a paper and a ballpoint pen. describe how you can use the above materials to show that friction is a useful force.

.....

.....

.....

.....

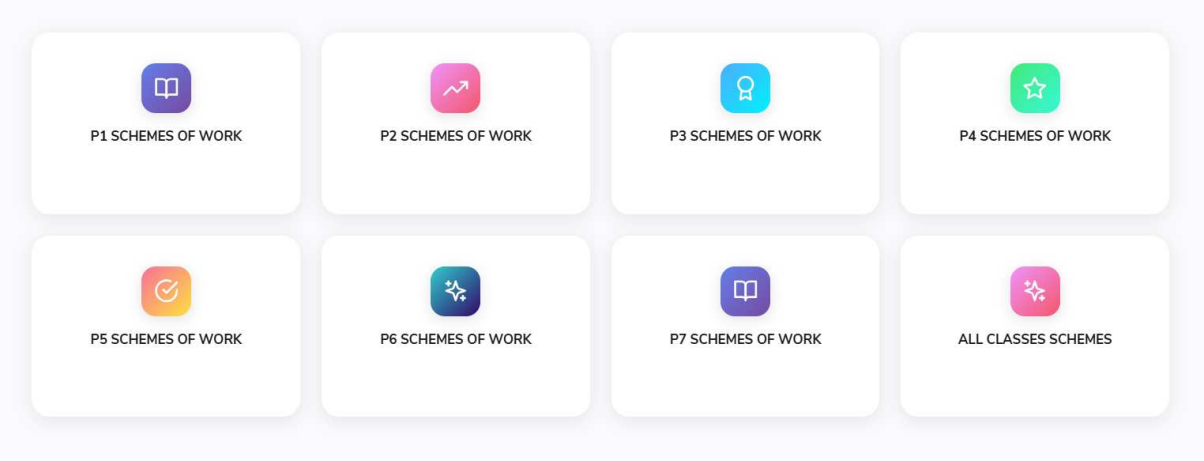
.....

.....

.....

END

This document was downloaded from https://exoticnotes.com



Do you need more!

SCHEMES OF WORK for Primary (All Subjects)

Click
https://exoticnotes.com/schemes_of_work/primary/

For LESSON NOTES P.1 – P.7
Click
https://exoticnotes.com/notes/primary/

For Papers and Exams P.1 – P.7
Click
https://exoticnotes.com/papers/primary/

For Holiday Packages P.1 – P.7
Click
https://exoticnotes.com/holiday-work/primary/