THE - NEXA EXAMINATIONS BOARD (NEB)

Quality Assessment for Every Learner

Total Mark Scored	

PRE PLE-SET 1/5 2026

INTEGRATED SCIENCE

Time Allowed: 2hours 15minutes

Random No.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

School Name: .....

Read the following instructions carefully:

1. **Do not** write your **district name** anywhere on this paper. This paper is made up of **two** Sections: **A** and **B**. This paper has **14 printed pages.**
2. Section **A** has **40** questions **40 marks** and Section **B** has **15** questions **60 marks.**
3. Attempt all questions. All answers to both sections **A** and **B must** be written in the spaces provided.
4. All answers **must** be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **not** be marked.
5. Crossing out of answers and the handwriting that cannot be read will lead to loss of marks.
6. **Do not** fill anything in the table indicated for **"EXAMINERS' USE ONLY".**

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		

TURN OVER

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SECTION A: 40 MARKS

1. Mention the health document that shows immunization schedules to mothers. 2

.....

2. State the method of heat transfer which occurs in liquids.

.....

3. Mention **one** part of a tooth that is not cleaned during brushing.

.....

4. Give **one** reason why farmers enclose their cattle in a cattle crush during spraying.

.....

5. Give **one** use of fungi that reproduce by budding.

.....

The diagram below shows a mean of road transport use it to answer question **6**



6. Give one advantage of using the above mean of transport on dusty roads over other motorcycles.

.....

7. Name **one** germ that causes the disease that attacks the udders of goats.

.....

8. State **one** example of a record that traces the number of eggs laid on a farm.

.....

9. Mention **one** part of a tree that controls soil erosion.

.....

10. Give **one** way of propagating pineapples besides the use of crown.

..... 3

11. State the material used to gently lower the irregular object in the overflow can.

.....

12. Mention the element of PHC that is promoted by making posters , dramas and talk shows.

.....

13. Give **one** way of collecting information during a health survey.

.....

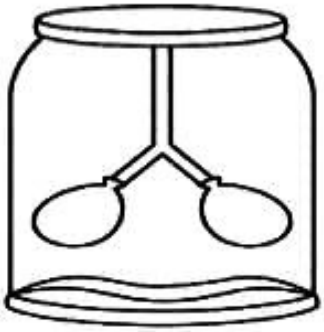
14. Give **one** benefit of pouring oil on stagnant water around houses.

.....

15. Mention the safety device put on tall buildings to protect them against lightning.

.....

The diagram below shows a model of the respiratory system. Use it to answer question **16** and **17**.



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.....

17. State the type of breathing illustrated above.

.....

18. State **one** sign of bilharzia infestation to a person.

.....

19. Give **one** advantage of timely removal of urine from the kidney.

.....

20. Name **one** drug that leads to still birth in pregnant women when taken.

.....

21. Mention any **one** enemy of bees.

.....

22. Give **one** way in which rusting can be useful to crop farmers.

.....

23. State **one** way of reducing rusting in garden tools.

.....

24. Name any **one** method of grazing cattle where pasture land is divided into small sections.

.....

25. Mention the type of change that results from soil erosion.

.....

26. State **one** way in which the vacuum seal help to maintain the temperature of the liquids put in the flask.

.....

27. Mention **one** body change that is prevented when adolescents bathe regularly.

.....

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28. Give **one** effect that results from emotional changes to adolescents.

.....

29. Mention **one** property of light that enables soldiers to use periscopes.

.....

30. State **one** optical instrument used when dressing.

.....

31. Give **one** way in which primary seven learners can conserve their school compound.

.....

32. Mention any **one** challenge that people face when collecting food from gardens.

.....

33. State **one** way how school going children protect themselves from germs when cleaning the school.

.....

34. Name the part of the digestive system where food is turned into ch

5

.....

35. Give **one** way in which magnets can be used to produce electricity.

.....

The diagram below shows a mechanical method of storing sound. Use it to answer questions **36** and **37.**



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36. Name the device used to store sound shown above.

.....

37. Mention **one** way of processing sound.

.....

38. Mention **one** way in which vaccines are different from drugs.

.....

39. State **one** practice done by farmers to influence rain formation.

.....

40. Give **one** way in which washing fruits control anaemia among people.

.....

SECTION B 60 MARKS

41. (a) State any **two** effects of charcoal making in the community.

(i).....

(ii).....

(b) Mention any **two** uses of charcoal in the community besides co

6

(i).....

(ii).....

42. The table below shows parts of the skin and their function. Study and match the parts correctly to their functions

Parts of the skin	Functions of parts of the skin
Erector muscles	Produce sweat
Sebaceous glands	Supply food and oxygen to the skin
Blood vessels	Keeps the hair standing
Sweat pores	Produces sebum

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Erector muscles.....

Sebaceous gland.....

Blood vessels.....

Sweat pores.....

43. (a) State what happens when sand soil is poured on petrol fire.



(a) State the group of simple machine to which the above belong.

.....

(b) Give **one** way in which the above machine is useful to a farmer.

.....

(c) Mention **two** factors that reduces the efficiency of the above machine

(i).....

(ii).....

46. (a) State any **two** causes of near drowning in communities.

(i).....

(ii).....

(b) Mention any effects of accident to our bodies.

.....

47. (a) Give **one** way in which primary seven pupils can manage plastic bottles in the school compound.

.....

(b) State **two** importance of proper waste management.

(i).....

(ii).....

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(c) Apart from plastic bottles, name any other material that is harmful to the environment.

.....

48. Nakanjako inflated a netball ball at around 8:00 am. At around mid-day she used the same ball to play without inflating it again. During the playing, the ball suddenly increased in size and burst.
(a) Give a reason why the ball increased in size.

.....

(b) Mention any **two** disadvantages of expansion in the community.

(i).....

(ii).....

(c) State **one** way of avoiding the effects of expansion.

.....

49. (a) Mention any **two** importance of leaves to butterflies.

(i).....

(ii).....

(b) State any **two** ways plants avoid the effects of transpiration.

(i).....

(ii).....

52. (a) State **two** causes of refraction of light.

(i).....

(ii).....

(b) Give **two** dangers caused by refraction of light.

(i).....

(ii).....

53. (a) Mention the method of making alcohol that involves the use of a delivery tube.

.....

(b) Mention **two** medical uses of alcohol.

(i).....

(ii).....

(c) State **one** body organ that is immediately affected after taking ethanol.

.....

54. (a) Mention **one** vegetative method of planting onions.

.....

(b) State **one** adaptation of the onions to vegetative propagation.

.....

(c) Give **two** advantages of planting cassava using stem cuttings.

(i).....

(ii).....

5. The diagram below shows a girl waking bare footed in a wet area. Use it to answer the questions that follow.



(a) Mention **one** worm that the girl is most likely to get.

.....

(b) State **one** way how the above worm affects our bodies.

.....

(c) Give **one** cattle product that can be used to make protective gears against that worm

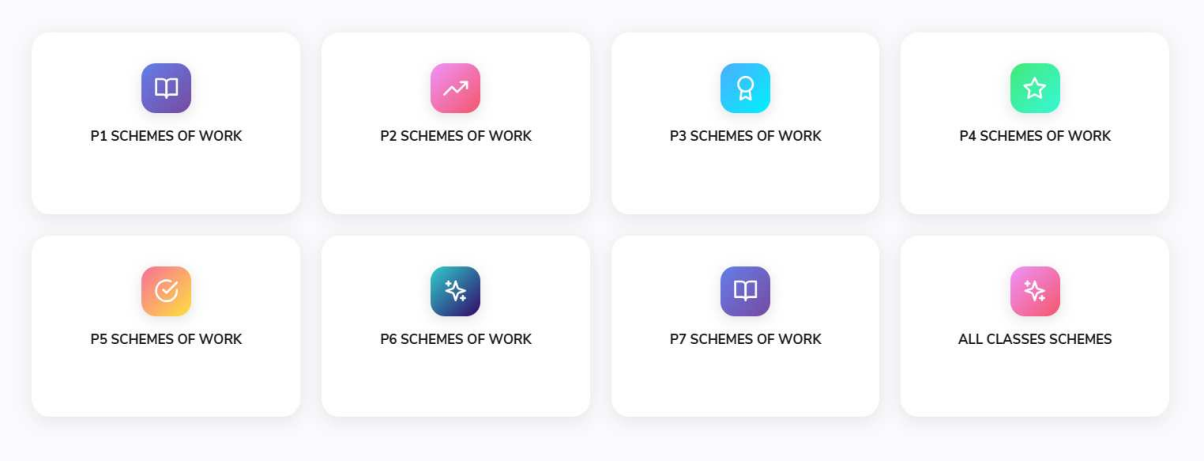
.....

(d) Mention the group of worms to which the above worm belong.

.....

END

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