



SMART STAR EXAMINATIONS BOARD
BEGINNING OF TERM 1 EXAMINATION – 2024
PRIMARY FIVE
INTEGRATED SCIENCE

Time allowed : 2 hours 15 minutes

Pupil's Name

School Name.....

District Name.....

Read the following instructions carefully;

1. This paper has **two** sections: **A** and **B**.
Section **A** has **40** questions and section **B** has **15** questions.
2. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. All working must be done using a **blue** or **black** ball-point pen or fountain pen. Any work done in pencil other than graphs, pictures and diagrams will **not** be marked.
4. Unnecessary **changes** of work and any handwriting that cannot easily be read may lead to **loss of marks**.
5. Do **not** fill anything in the boxes indicated: **“For Examiners’ Use Only”** and boxes inside the question paper.

FOR EXAMINERS' USE ONLY

QN. NO.	MARK	EXR'S NO.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A: (40 MARKS)

Questions **1** to **40** carry one mark each

1. Name any **one** item used to clean the house at home.

.....

2. Which body sense organ enables you to know that soup is salty?

.....

3. Name the part of air that supports rusting of iron tools.

.....

4. Give any **one** type of weather.

.....

5. Why do we wash our hands before eating food?

.....

6. How are honey bees useful to people?

.....

7. Name **one** food stuff that gives us carbohydrates.

.....

8. How do birds reproduce?

.....

9. Why do we wash our hands after visiting the toilets?

.....

10. State any **one** sign of dehydration among children.

.....

11. How are the kidneys useful in the human body?

12. Which characteristic of living things enables them to increase in size?

.....

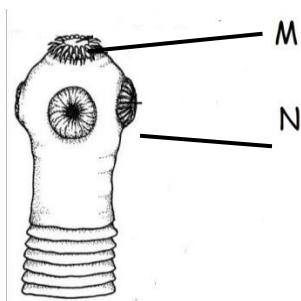
13. State one way of caring for crops in the garden.

.....

14. How can a P.4 child save the life of a casualty?

.....

Below is the diagram of a tapeworm use it to answer questions that Follow.



15. Name the part marked **N**.

.....

16. How is part **M** useful to this worm?

.....

17. Why is diarrhoea regarded as a communicable disease?

.....

18. Name the main source of heat in the environment.

.....

Turn Over

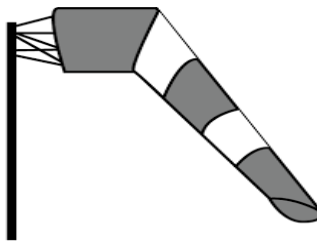
19. State **one** danger of crossing the road carelessly.

.....

20. Mention any **one** factor that affects the rate of transpiration.

.....

21. ***How is the weather instrument below useful at a weather station?***



.....

.....

22. Mention **one** way of making soil fertile.

.....

23. Name any **one** item used to keep our body clean.

.....

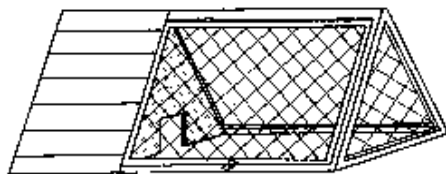
24. Give any **one** reason why people rear domestic animals.

.....

25. Why should school children iron their uniforms before wearing them?

.....

26. ***Name the animal that lives in the habitat below.***



.....

27. Name the vector that spreads sleeping sickness.

.....

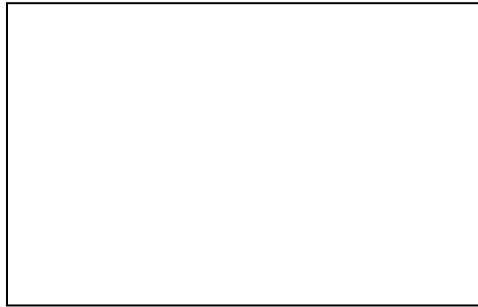
28. State **one** way of controlling immunizable diseases.

.....

29. Mention any **one** place where germs are commonly found.

.....

30. ***In the space below, draw a network veined leaf.***



31. How is the sun important to people?

.....

32. In which **one** way can a farmer care for his crops during the dry season?

.....

33. State any **one** method of planting crops.

.....

34. How does draining of stagnant water control the spread of elephantiasis?

.....

35. At what stage do some flowering plants develop prop roots?

.....

36. How is a dog useful at home?

.....

Turn Over

37. Give any **one** living component of the environment.

.....

38. How can diseases spread through having long fingernails be controlled?

.....

39. State **one** use of shadows to people.

.....

40. Why is loam soil the best for growing tomatoes?

.....

SECTION B: (60 MARKS)

Questions 41 to 55 carry four marks each

41.(a) What are social insects?

.....

.....

(b) Give **two** examples of social insects.

i).....

ii).....

(c) How are insects useful to crop farmers?

.....

42.(a) State **two** reasons for mulching the garden.

i).....

ii).....

(b) Give any **one** plant material used for mulching.

.....

(c) How does mulching reduce soil erosion?

.....

43.(a) State **one** way of caring for AIDS victims.

.....

(b) Which germ causes AIDS?

.....

(c) State **one** way of controlling the spread of AIDS.

.....

(d) Mention any **one** PIASCY message.

.....

44.(a) What do we call the condition where the body does not have enough water?

.....

(b) State **two** causes of the above condition in babies.

i).....

ii).....

(c) Why is sugar added in Oral Rehydration Solution?

.....

45.(a) Name any **one** exotic breed of rabbit kept in Uganda.

.....

Turn Over

(b) State **one** way of caring for rabbits.

.....

(C) Give **two** diseases that attack rabbits.

i)

ii)

46(a) What gas is used by plants to make starch?

.....

(b) Why is oxygen not used in a fire extinguisher?

.....

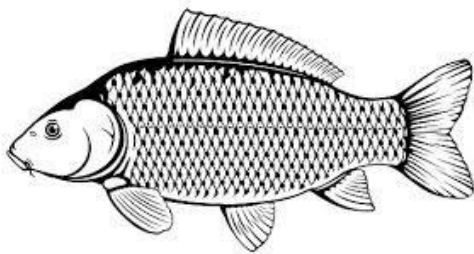
(c) State **one** property of air.

.....

(d) What gas occupies 78% in the atmosphere?

.....

47. ***Use the diagram below to answer the questions that follow.***



(a) Name the habitat for the animal above.

.....

(b) How does the above animal move from one place to another?

.....

(c) How is the above animal important in the control of kwashiorkor?

.....

(d) State any **one** way of preserving the animal above for future use.

.....

48.(a) Name any **one** accident caused by heat.

.....

(b) State any **two** causes of accidents at school.

(i).....

(ii).....

(c) Why should first aid be given to casualties?

.....

49.(a) How many teeth make up a milk set of teeth?

.....

(b) Which type of teeth grows first in babies?

.....

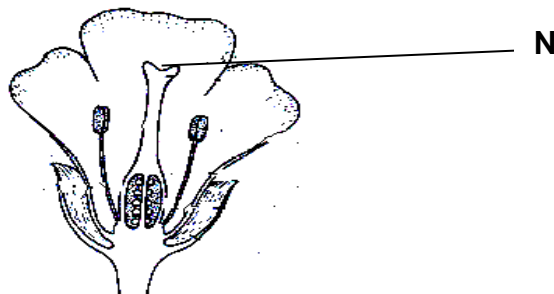
(c) Give any **one** disease of the human teeth.

.....

(d) Why do we brush our teeth after every meal?

.....

50. Use the diagram of a flower below to answer the questions that follow.



Turn Over

(a) How is part marked **N** useful to a flower?

.....

(b) Use an arrow and letter **P** to show the part of a flower that attracts pollinators.

.....

(c) Name any **one** insect pollinator.

.....

(d) How are flowers useful to people?

.....

51.(a) What are germs?

.....

.....

(b) Name the disease caused by the following germs.

Vibrio cholera

Salmonella typhi.....

(c) State any **one** way of controlling the diseases you have named in (b) above.

.....

52. (a) Give any **two** examples of crop pests.

(i).....

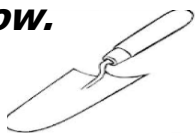
(ii)

(b) State any **two** ways of controlling crop pests.

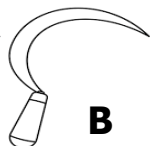
(i).....

(ii)

53. Below are the garden tools used them to answer the questions that follow.



A



B



C

(b) Name the garden tool marked **B** and **C**.

B..... **C**

(c) State the use of the tool marked **A**.

.....

(d) How can the tools above be prevented from rusting?

.....

54. (a) What are deficiency diseases?

.....

.....

(b) Beside kwashiorkor, state other **two** deficiency diseases.

(i)

(ii).....

(c) State **one** use of food in the body?

.....

55. Match the body organs to their diseases.

Kidney

peptic ulcers

Ear

Kidney stones

Stomach

trachoma

Eye

otitis

END