



SMART STAR EXAMINATIONS BOARD
BEGINNING OF TERM 1 EXAMINATION – 2024
PRIMARY FOUR
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.

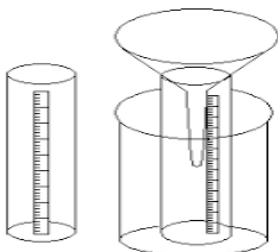
FOR EXAMINERS’ USE ONLY

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)

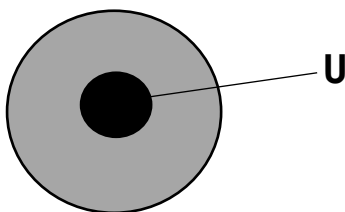
1. Name the sense organ for smelling.
.....
2. Why are stones grouped under non-living things?
.....
3. **How is the item below dangerous to a P.3 child?**

.....
4. Mention any **one** living thing in the environment.
.....
5. Identify any **one** element of weather.
.....
6. Name the main natural source of water.
.....
7. Mention any **one** condition for rusting.
.....
8. State any **one** danger of birds in the environment.
.....
9. Write **ORS** in full.
.....
10. Give **one** reason for giving first aid to casualties.
.....
11. Why do people keep bees?
.....
12. In which family do we find nephews?
.....

Use the diagram below to answer questions which follow.




13. Identify the weather instrument above.
.....
14. Give the importance of the weather instrument.
.....
15. State **one** way farmers care for their crops.
.....
16. Name any **one** accident that can happen in the kitchen at home.
.....
17. Why are P.3 children advised to wash their hands before eating a meal?
.....
18. Draw and name **one** item used to harvest water.

19. Give any **one** reason people cut down trees.
.....
20. State the function of the heart in the body.
.....
21. Write **one** item we use to brush our teeth.
.....
22. Mention **one** place where people get food.
.....
23. Name the part of a shadow marked with letter **U**.



24. How many legs does an insect have?
.....

25. Give **one** characteristic of living things.
.....
26. Name the immunisable disease the child below is suffering from;

.....
27. Give **one** way of controlling soil erosion.
.....
28. Give **one** role of children in a family.
.....
29. Why do plants with weak stems climb others?
.....
30. Give **one** reason why people keep domestic animals.
.....
31. Write any **one** item used to tell time.
.....
32. Mention any **one** man-made change in the environment.
.....
33. Write any **one** PLASCY message you know.
.....
34. Mention **one** way of preserving food.
.....
35. State any **one** way of keeping your body clean.
.....
36. Which disease is controlled by sleeping under treated mosquito net?
.....
37. Give any **one** way of caring for domestic animals.
.....
38. Why is loam soil the best for growing crops?
.....
39. Name the best food for babies.
.....

40. Mention any **one** natural source of heat.

.....

SECTION B: (60 marks)

41 (a) Match vectors to the diseases they spread.

Vector	Disease
Female anopheles mosquito
.....	Yellow fever
Tsetse fly
.....	Trachoma

42. The diagram below is a human leg.



(a) Identify the parts marked;

K

M

(b) What is the use of the body part above?

.....

(c) How can we care for the body part above?

.....

Turn Over

43.a) Give **two** examples of domestic animals.

i)

ii)

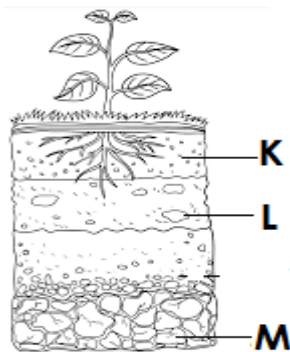
(b) Write any **one** product got from domestic animals.

.....

(c) State **one** way of caring for domestic animals.

.....

44. The diagram shows the arrangement of soil layers.



(a) What name is given to the above arrangement of soil layers?

.....

(b) Name layers marked **K** and **M**.

i) **K**.....ii) **M**.....

(c) In which layer are living organisms found?

.....

45.a) What do we call the first help given to casualties?

.....

(b) Why are casualties given first aid?

.....

.....

(c) Mention any **two** items found in a first aid box.

i).....

ii)

46. a) What is wind?

.....

(b) Give **one** use of wind.

.....

(c) Write **two** components of air.

i)

ii)

47. Mention any **two** things we use to keep our bodies clean.

(i).....

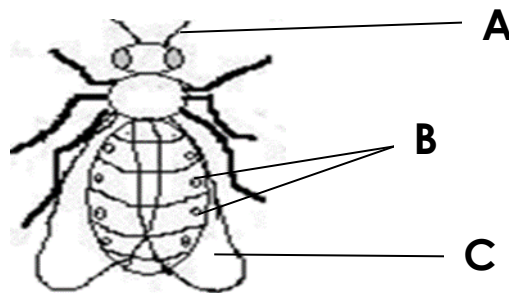
(ii)

(b) State any **two** ways of promoting personal hygiene.

(i)

(ii)

48. Use the diagram below to answer questions which follow.



(a) Name parts marked A and B.

(i) **A**.....(ii) **B**.....

(b) Give the use of part marked **C**.

.....

(c) Write any **one** characteristic of insects.

.....

49. What is a habitat?

.....

.....

b) Write the habitats of these animals.

a) fish

b) dog

c) lion

50. a) Name the garden tool below;



.....

Turn Over

(b) State **one** use of the garden tool above.

.....

(c) Which garden tool is used for watering crops in the dry season?

.....

(d) Give any **one** way of caring for garden tools.

.....

51. **Draw these types of weather.**

rainy	sunny

(b) State **two** ways of managing sunny weather.

(i)

(ii)

52. **Match body organs to their uses**

Organ

Use

eyes

for breathing

ears

for feeling

lungs

for sight

skin

for hearing

eyes

ears

lungs

skin

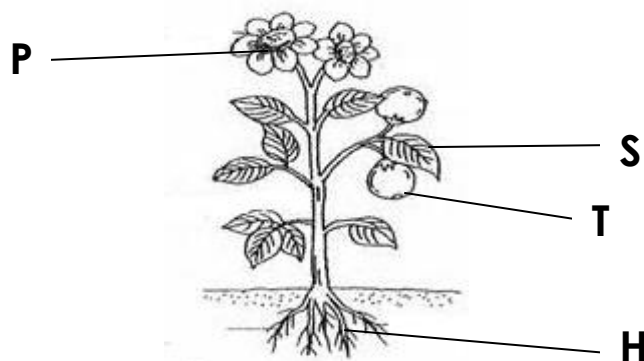
53. a) Name the main natural source of water.

.....

(b) Give **three** uses of water at home.

- (i)
- (ii)
- (iii)

54. The diagram below is of a flowering plant. Use it to answer questions which follow.



a) Name parts marked P and T.

P **T**

b) Give **one** use of part **S** to a plant.

.....

c) How can we care for plants?

.....

55.a) In which direction does the sun rise from?

.....

b) Give **two** dangers of too much sunshine.

i)

ii)

c) Where will the shadow of an object be formed if the sun is in the East?

.....

END