

TARGETER WINGS

KENYA PRIMARY SCHOOL EDUCATION ASSESSMENT

GRADE 6 - YEAR 2026

INTEGRATED SCIENCE



TIME: 1 hour 40 minutes

INSTRUCTIONS TO CANDIDATES (Please read these instructions carefully)

1. You have been given this question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in this question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil.
5. Confirm that the answer sheet that you have been provided with has the following:
YOUR ASSESSMENT NUMBER
YOUR NAME
NAME OF YOUR SCHOOL
NAME OF SUBJECT
6. Do not make any marks outside the boxes.
7. Keep the sheet as clean as possible and do not fold it.
8. For each of the questions 1 - 50, four choices are given. The choices are lettered A, B, C and D. In each case, only **ONE** of the four choices is correct. Choose the **correct** answer from the choices.
9. On the answer sheet, the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

Example

In the Question Booklet:

17. Which of these animals has scales on its body?
- A. Toad
 - B. Lizard
 - C. Cat
 - D. Newt

The correct answer is B.

On the Answer Sheet:

In the set of boxes numbered 17, draw a **dark line** inside the box with the letter B printed in it as indicated below.

14. [A] [B] [C] [D]

15. [A] [B] [C] [D]

16. [A] [B] [C] [D]

17. [A] [B] [C] [D]

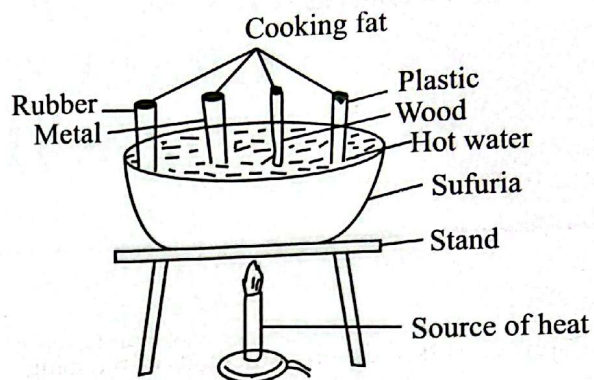
10. Your **dark line** **MUST** be within the box.
11. For each question, **ONLY ONE** box is to be marked in each set of four boxes.

This question paper consists of 7 printed pages

SCIENCE AND TECHNOLOGY

- Three of the following are examples of fungi except
 - puff balls
 - toadstools
 - mushrooms
 - liverworts
- Three of the following are uses of fungi in our day to day life except
 - they are used as food.
 - they are used in baking bread.
 - they are used to make medicine.
 - they are used to produce flowers.
- The following are parts of the digestive system. Which one is **not**?
 - Gullet
 - Diaphragm
 - Large intestine
 - Oesophagus
- Which of the following is a reason why a feather floats on water?
 - Its size
 - Its shape
 - Its type of material
 - Its mass
- The following are cold blooded animals. Which one is **not**?
 - Bat
 - Frog
 - Lizard
 - Tilapia
- A learner sat next to a fire place one cold morning. How did heat from the fire reach his legs?
 - Conduction
 - Convection
 - Radiation
 - Radiation and conduction

- Learners set up an experiment as shown.



In which material provided did the cooking fat melt?

- Metal
 - Rubber
 - Plastic
 - Wood
- Which one of the following statements is **not** true about sound?
 - Sound travels in a straight line.
 - Sound travels in all directions.
 - Sound can be reflected.
 - Loud sound causes loss of sleep.
 - Three of the following are applications of floating and sinking in day to day life. Which one is **not**?
 - Using a parachute.
 - Making boats.
 - Surfing in water.
 - Making life save jackets.
 - Learners picked two pieces of wood that were of different sizes and placed them in a basin filled with water. What was their conclusion?
 - Wood is a sinker
 - Small piece of wood floats while the large one sinks.
 - Size does not affect sinking and floating.
 - Wood have the same mass.

11. Which one of the following methods will **not** make water safe for drinking?
- A. Filtering
 - B. Use of chemicals
 - C. Solar treatment
 - D. Boiling
12. Pupils discussed different methods of reducing water pollution in their environment. Which among the answers given is **not** correct?
- A. Proper disposal of wastes.
 - B. Treatment of industrial waste.
 - C. Preventing oil spillage.
 - D. Mulching.
13. Which of the following methods of separating mixtures is **correctly** matched with the mixture that can be separated?
- A. Winnowing → Maize and beans
 - B. Picking → Sugar and salt
 - C. Filtering → Sugar and rice
 - D. Use of magnet → Silver and iron filings.
14. Which one of the following is a heterogenous mixture?
- A. Milk and kerosene
 - B. Water and ink
 - C. Cooking oil and kerosene
 - D. Milk and water
15. The following are signs and symptoms of a common disease that affect the breathing system.
- i) Sneezing
 - ii) Running nose
 - iii) Body aches
 - iv) Sore throat
 - v) Loss of taste and smell
- The disease is **likely** to be
- A. common cold
 - B. Covid - 19
 - C. asthma
 - D. allergy
16. In which part of the breathing system does warming of air take place?
- A. Nose
 - B. Trachea
 - C. Lung
 - D. Diaphragm
17. Which one of the following is **not** a characteristic of amphibians?
- A. They have scales.
 - B. They lay eggs.
 - C. They have a backbone.
 - D. They live either in land or in water.
18. Which one of the following animals does not have a skeleton?
- A. Chicken
 - B. Lizard
 - C. Fish
 - D. Octopus
19. A boy brushes teeth every night. How does this help his digestive system?
- A. Improves breathing.
 - B. Keeps the mouth clean for proper digestion.
 - C. Helps to swallow food faster.
 - D. Makes the food sweeter.

20. A learner observes that both birds and fish have backbones. What is her conclusion?
- Both are invertebrates.
 - Fish are warm blooded.
 - Both are vertebrates.
 - Both breathe by lungs.
21. Which one of the following mixtures is likely to be separated using a separating funnel?
- Cooking oil and water.
 - Water and milk.
 - Milk and ink.
 - Maize and beans.
22. Which of the following invertebrates is an insect?
- Millipede
 - Tick
 - Slug
 - Bee
23. The following are symptoms of unhealthy digestive system. Which one is **not**?
- Suffocation
 - Vomiting
 - Diarrhoea
 - Stomach ache
24. The following are ways of reducing friction. Which one is **not**?
- Use of rollers
 - Greasing surfaces
 - Making surfaces rough
 - Use of ball bearings

25. Jack was asked to name the part of a flower that produces male sex cells. Which correct response did he give?
- Stigma
 - Anther
 - Ovary
 - Sepal

AGRICULTURE

26. Why is balanced diet important in the body?
- It gives the body all nutrients.
 - Prevent one from eating a lot of food.
 - Help in reproduction.
 - Improves the breathing system.
27. A pupil visited a hospital. The doctor observed him and asked him to take more food with fibre. Why did the doctor give that advice?
- Fibre makes the food to have taste.
 - Fibre adds more proteins in the body.
 - Fibre prevents stomach upsets.
 - Fibre helps the body to have strong bones.
28. A learner covered the soil around a plant with dry grass as a way of caring for plants. What is the main reason for doing this?
- To make the plant more beautiful.
 - To reduce water loss from the soil.
 - To stop the plant from growing tall.
 - To prevent insects from landing on leaves.
29. A learner keeps a rabbit as a pet. Which action best supports the rabbit's health?
- Keeping in a cage without windows.
 - Giving the rabbit leftover foods.
 - Keeping the rabbit in the granary.
 - Cleaning the hutch daily.

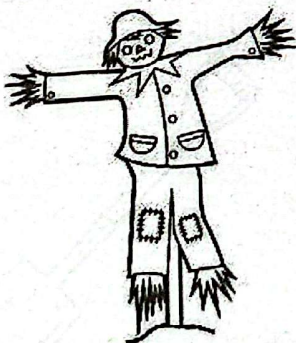
30. Grade 5 learners constructed an organic waste pit. They used the following materials **except**
- A. food remains B. dry grass
C. glass D. kitchen waste
31. Which **one** of the following crops can be used as a cover crop?
- A. Pumpkins B. Maize
C. Wheat D. Tomatoes

32. The following is a method of conserving moisture in the soil. Which method is it?



- A. Mulching B. Shading
C. Cover cropping D. Thinning

33. Grade 5 learners realised that some wild animals were destroying crops in their school garden. They constructed the structure below to keep them away.



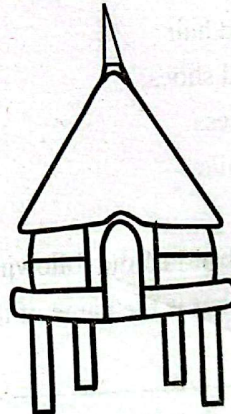
- What is the name of the structure that they constructed?
- A. Safe trap B. Smell repellent
C. Fencing D. A scarecrow

34. The following vegetables are raised in a nursery bed before transplanting. Which one does **not** need transplanting?
- A. Carrots
B. Cabbages
C. Kales
D. Tomatoes

35. Grade 6 learners transplanted kales to a seedbed and realised that some did not grow. Which gardening practice did they use to replace the ones that did not grow?
- A. Thinning
B. Gapping
C. Weeding
D. Mulching

36. Which one of the following is a cereal crop?
- A. Wheat
B. Peas
C. Beans
D. Groundnuts

37. The structure below is used to preserve cereals and pulses. How is it called?



- A. Airtight container
B. Sac
C. Hermetic bag
D. Granary

38. Mary ate beans and rice for lunch. What food does she need to eat to make it a balanced diet?
- A. Meat
 - B. Chapati
 - C. Cabbage
 - D. Eggs

39. A child had the following signs and symptoms.

i) *Protruding stomach.*

ii) *Slow growth.*

iii) *Swollen body parts.*

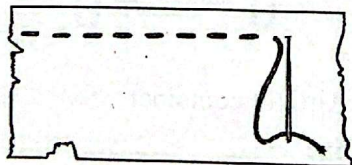
What nutritional disease was the child suffering from?

- A. Anaemia
 - B. Kwashiorkor
 - C. Marasmus
 - D. Scurvy
40. Which one of the following foods **cannot** be cooked using dry fat frying?
- A. Chips
 - B. Pork
 - C. Beef
 - D. Chicken

41. Which one of the following is **not** a good grooming practice?

- A. Combed hair
- B. Polished shoes
- D. Dirty dress
- D. Short nails

42. A learner observed the following stitch in a garment. What is the name of the stitch that he observed?



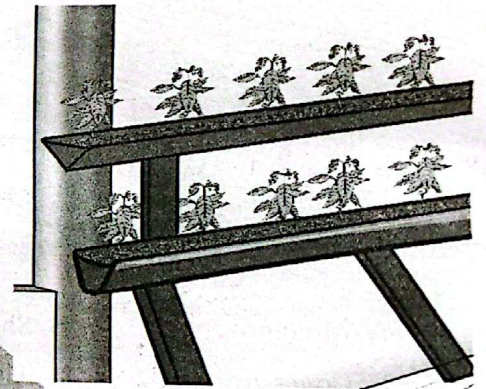
- A. Backstitch
- B. Tacking
- C. Running
- D. Double stitch

43. Name the item below that is used to protect the index finger when sewing.



- A. Thimble
- B. Thread
- C. Pin cushion
- D. Needle

44. The diagram below show a certain innovative garden. It is called



- A. horizontal garden
- B. diagonal garden
- C. straight garden
- D. vertical garden

45. This item is used when constructing organic waste pit. It is called a

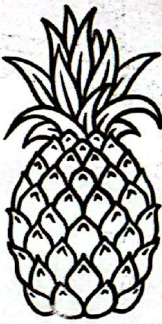


- A. spade
- B. jembe
- C. hoe
- D. fork jembe

46. A dog is a domestic animal kept at home for
- A. food
 - B. friendship
 - C. security
 - D. transport

46. A certain surface at home is cleaned by sprinkling water then being swept using a broom. The surface is
- A. wooden
 - B. earthen
 - C. tiled
 - D. cemented

48. Maria ate the food below.



Which nutrients did she get from the food?

- A. Vitamins
- B. Carbohydrates
- C. Proteins
- D. Fats

49. The excess water that run on the surface is called
- A. pit
 - B. soil erosion
 - C. run off
 - D. waste

50. One of the following is **not** a way of conserving water in the soil. Which one is it?
- A. Shading
 - B. Cover cropping
 - C. Mulching
 - D. Weeding

