

DISTINCTION UPPER PRIMARY ASSESSMENT MONITORING LEARNER'S PROGRESS



001 **001**
QUALITY IS OUR CONCERN

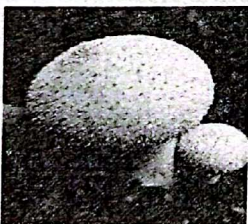
GRADE 6 - 2026



INTEGRATED SCIENCE

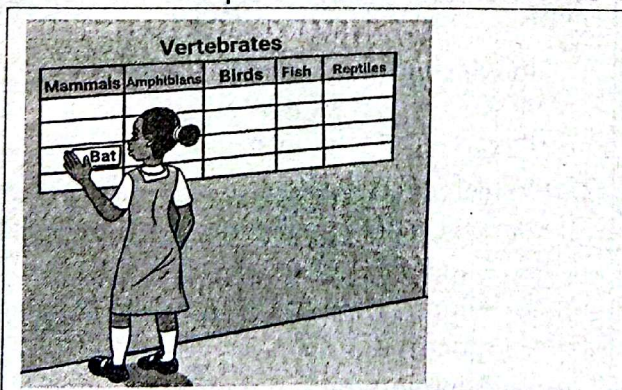
Science & Technology

1. Kevin ate bread and left it uncovered on the kitchen counter. Which fungi is likely to grow on the bread?
A. Toadstool B. Mushroom
C. Mould D. Puffballs
2. One of the following is an example of a heterogenous mixture. Which one is it?
A. Milk and water
B. Salt and water
C. Cooking oil and water
D. Methylated spirit and water
3. We should never touch invertebrates with our bare hands. Which of the following reasons gives the best explanation for this?
A. The invertebrates may escape
B. To protect ourselves and the invertebrate from harm
C. Because invertebrates are poisonous
D. So that the invertebrates are not bored
4. Mary saw a cow and its calf under a shade. This shows that animals:
A. Move B. Remove waste
C. Feed D. Reproduce
5. The following picture shows common fungi in the environment. It is known as _____.



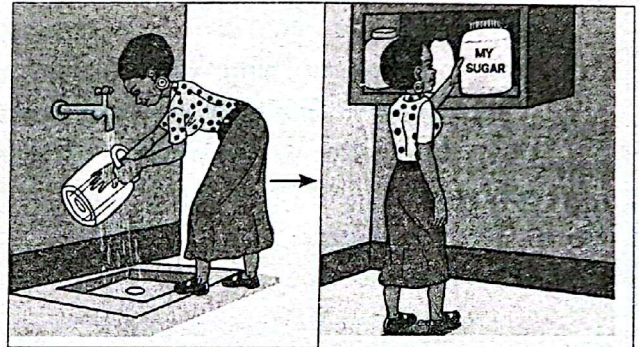
- A. Toadstool
- B. Moulds
- C. Mushrooms
- D. Puffball

6. Suggest another animal that the learner can add as an example of mammals.



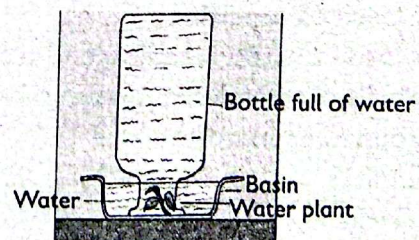
- A. Lizard B. Whale
- C. Newts D. Tortoise

7. Thomas decided to use a basket when buying fruits instead of using a disposable plastic bag. Which method of solid waste management is he applying?
A. Reproducing B. Re-using
C. Reducing D. Recycling
8. Look at the pictures below.



Which method of managing solid waste is demonstrated in the pictures?

- A. Re-using B. Reducing
- C. Recycling D. Using again
9. Which of the following statements is not true about fungi?
A. Mushroom is an example of fungi
B. All fungi are poisonous
C. Yeast and moulds are examples of fungi
D. Toadstool is a very poisonous fungi.
10. Learners were tasked to search the Internet for information on safety precautions to observe when handling invertebrates. Which of the following is **not** a safety precaution when handling invertebrates?
A. Wearing hand gloves
B. Handling the invertebrates gently
C. Using forceps to pick the invertebrates
D. Avoiding poisonous invertebrates
11. Kayla and Michael wanted to know which part of the plant is the breathing organ. Which part of the plant will they use in the experiment below?



- A. Stem B. Leaves
- C. Flower D. Root

12. Not all fungi are beneficial to human beings. _____ is an example of fungi that cause food spoilage.
- Mushrooms
 - Toadstools
 - Mould
 - Yeast

13. Reptiles are one of the groups of vertebrates. Which of the following is not a characteristic of reptiles?
- Their bodies are covered with dry scales.
 - They lay eggs.
 - Their body temperature does not change with the changes in the environment.
 - They do not take care of their young ones.

14. One Saturday morning, Anita washed her school uniform. She later used the water to clean the latrine. Which method of water conservation did Anita carry out?
- Reducing water
 - Re-using water
 - Wasting water
 - Recycling water

15. Learners were asked to name groups of invertebrates. Who among the learners gave the correct answer?
- Caren – fish
 - Billy- reptiles
 - Daizy- insects
 - George – centipede

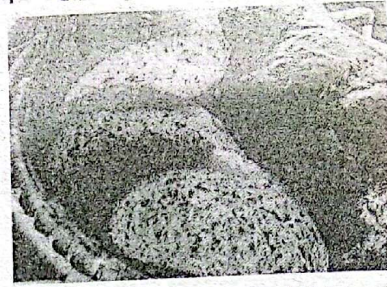
16. The product shown below is made using an example of fungi. State the use of the fungi in this product.



- Used in food production process known as fermentation
- As a source of food
- Used as medicine
- Used to stop bleeding and treat infections

17. Which of the following invertebrates can be grouped as insects?
- Mites
 - Ticks
 - Houseflies
 - Spiders

18. Noel who is a baker made the following spongy sweet bread.



Which type of fungi did Noel use?

- Puffballs
- Mushroom
- Yeast
- Toadstool

19. Kevin was asked by his teacher to give examples of animals that are grouped as invertebrates. Which of the following animals is not an invertebrate?

- Weevils
- Bees
- Snail
- Snake

20. Amani wanted to dispose some solid waste. Which of the following solid waste should Amani dispose in the dustbin below.

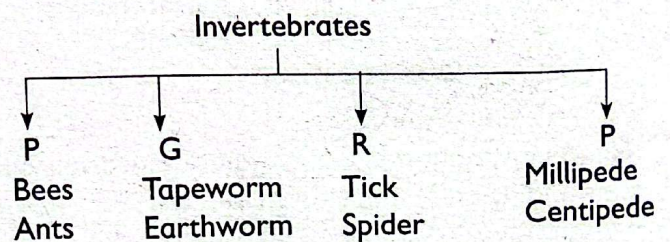


- Broken glass
- Food remains
- Plant leaves
- Broken phone

21. Daisy came across a toadstool on her way to school. Her friend advised her not to touch it. Explain why Daisy should not touch the toadstool.

- It has thorns
- It is poisonous
- It is sticky
- It has a bad smell

22. The flow-chart below shows classification of invertebrates.



In which group is a mite likely to be placed?

- R
- Y
- G
- P

23. Which of the following statements gives the correct meaning of the word matter?

- Anything that has life
- Anything that has mass and occupies space
- Anything that can move
- Anything that can be felt and held

24. Which of these animals is not a vertebrate?

A.



B.



C.



D.



25. Which statement correctly describes the volume and shape of gas?

- A. It has a fixed shape and fixed volume.
- B. It has a fixed volume and an indefinite shape.
- C. It takes the shape of the container and a definite mass.
- D. It has an indefinite shape and a fixed volume.

26. Water has various uses at home. Which of the following activities demonstrates water conservation?

- A. Not repairing leaking water pipes.
- B. Turning off taps after use.
- C. Taking long showers.
- D. Overwatering plants.

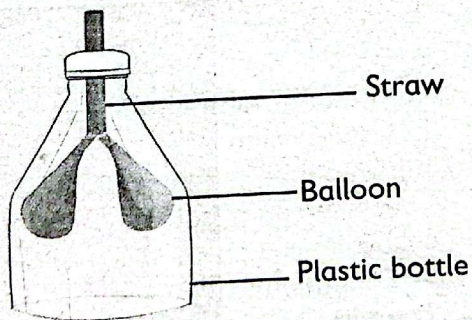
27. Which of the following statements explains the importance of managing solid waste properly?

- A. It increases the risk of getting sick.
- B. It does not produce new items.
- C. It increases the chances for common accidents such as cuts.
- D. It reduces soil and water pollution.

28. There are five groups of vertebrates. They are all cold blooded except _____.

- A. Birds
- B. Amphibians
- C. Fish
- D. Reptiles

29. Learners modelled the structure of the human breathing system as shown below



Which structure does the straw represent?

- A. Lungs
- B. Trachea
- C. Bronchus
- D. Diaphragm

30. Maya wants to separate oil and water. Which of the following apparatus can she use to do this easily?

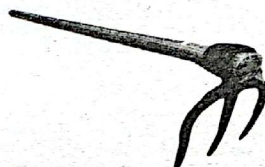
- A. Funnel
- B. Separating funnel
- C. Water trough
- D. Syringe

AGRICULTURE

31. The farm animal which provides transport services at home is _____.

- A. dog
- B. chicken
- C. cattle
- D. donkey

32. Grade five learners were preparing a seedbed and used the tool shown below



Identify the farm tool they used.

- A. Manure fork
- B. Mattock
- C. Shovel
- D. Fork jembe

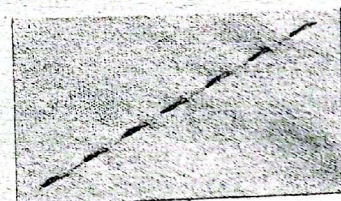
33. Learners want to improve the fertility of their soil using organic waste. What should they prioritise in constructing a compost pit?

- A. Dig a small hole and cover it immediately
- B. Fill the pit with only water
- C. Place a layer of dry leaves at the bottom
- D. Use only food scraps

34. Andrew is suffering from anaemia. What is the preventive measure of anaemia?

- A. Take food rich in iodine
- B. Take a lot of proteins
- C. Take food rich in iron
- D. Take a lot of vitamins

35. Delvine used the stitch shown below to repair her dress.



Identify the stitch she used.

- A. Chain stitch
- B. Backstitch
- C. Running stitch
- D. Blanket stitch

36. After understanding the importance of water conservation in farming, a Grade 5 learner wants to conserve water while growing vegetables. Which method would be most effective?

- A. Ploughing the soil deeply
- B. Using a cover crop to prevent water evaporation
- C. Watering the plants excessively
- D. Leaving the soil bare

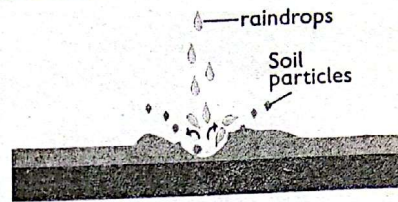
37. Learners in a farm are trying to reduce water loss in their vegetable garden. What is a good way to conserve moisture in the soil?
- Mulching around the crops
 - Watering the soil during the night
 - Leaving the garden open without crops
 - Cutting down all trees around the garden
38. The following picture shows a method of controlling soil erosion.



What soil conservation method shown in the picture?

- Gabion
 - Crop rotation
 - Contour ploughing
 - Agroforestry
39. Learners want to learn how domestic animals contribute to food production. Which of the following animals is primarily used for honey production?
- Cow
 - Sheep
 - Bees
 - Fish
40. Which of the following groups consist of food that make a balanced meal?
- Milk and potatoes
 - Sweet potatoes and beans
 - Rice, meat and cabbage
 - Ugali and chicken
41. Grade 5 learners of Dagoretti School are having a project of making bread in class. What cooking method would they use to obtain the best results?
- Boiling
 - Stewing
 - Baking
 - Frying
42. Mulching is gardening practice carried out on established crops. What is the role of mulching in farming?
- Increases pests in the soil
 - Dries out the soil quickly
 - Increases soil erosion
 - Helps retain soil moisture
43. Tacking stitches are important in everyday sewing. Which of the following is not an importance of tacking stitches.
- Putting tags on clothing
 - Fastening zippers
 - Securing several layers of clothes
 - Making household articles

44. The following picture shows a type of soil erosion.



Identify the type of soil erosion shown.

- Rill erosion
 - Splash erosion
 - Gully erosion
 - Sheet erosion
45. We can cook food using various methods such as deep frying and dry fat frying. The following are examples of food that can be cooked by deep frying except?
- Doughnuts
 - Eggs
 - Onion rings
 - Chicken
46. We should consume food from various food groups. Body building food help us grow. The following are body building food except?
- Rice
 - Chicken
 - Fish
 - Eggs
47. Deterrents are used to keep off wild animals from destroying crops and harming domestic animals. Which of the following is not a deterrent used to keep off wild animals?
- Using deflectors
 - Using innovative lights
 - Using deadly traps
 - Putting up a mesh fence
48. We can conserve the environment by preventing or controlling soil erosion. Which of the following is not a way of controlling soil erosion?
- Overgrazing
 - Planting cover crops
 - Mulching
 - Contour farming
49. Cereals and pulses are preserved to increase their shelf life. Which of the following is not a method of preserving cereals and pulses?
- Sun-drying
 - Boiling
 - Use of airtight containers
 - Use of ashes
50. Nutritional diseases and disorders can be caused by poor eating habits. Which of the following is a preventive measure for goitre?
- Eating a lot of proteins
 - Taking food rich in iodine
 - Taking food rich iron
 - Eating a lot of carbohydrates