

# DISTINCTION UPPER PRIMARY ASSESSMENT MONITORING LEARNER'S PROGRESS

5

PREMIER





GRADE 5 - 2023

INTEGRATED SCIENCE

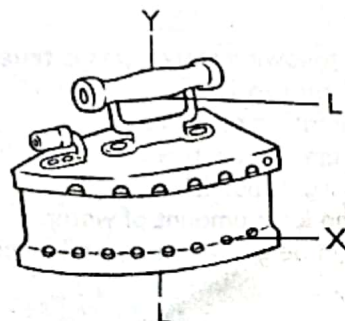


002

## SCIENCE AND TECHNOLOGY

- The following animals belong to the same group. Which one **does not**?  
A. turtle                      B. crocodile  
C. chameleon                D. frog
- What is the name given to the green substance found in green plants?  
A. matter                      B. chlorophyll  
C. stomata                    D. photosynthesis
- Which one of the following teeth is used for cutting food?  
A.                       B.   
C.                       D. 
- Identify the answer that consists of green, non-flowering plants only?  
A. ferns, cypress, cedar  
B. maize, mosses, algae  
C. beans, grass, mosses  
D. ferns, cedar, grass
- Which one of the following is **not** a factor that affects floating and sinking?  
A. material                      B. shape  
C. weight                        D. size
- Grade 4 learners were asked to give instances that show that animals respond to changes in the environment. **Who did not** give the correct answer?  
A. Juma: A chameleon changes colour to match the surrounding.  
B. Alma: A lizard basks in the sun in the mid-morning.  
C. Fanaka: A man puts on a jacket during cold weather.  
D. Prince: A cow raises a young one of its own kind.

- Awino decided to hang her clothes on a certain day. The **best** weather for this is;  
A. sunny and windy            B. sunny and calm  
C. windy and cloudy          D. cloudy and calm
- A set of instructions that are followed by the computer are known as \_\_\_\_\_.  
A. computing                      B. coding  
C. codes                            D. monitor
- Which one of the following statements is **true** about penicillin?  
A. It is used to protect us from infections.  
B. It is used to cure diseases.  
C. It is used to kill pain in our bodies.  
D. It is used to boost our immunity.
- Musa shouted near a cliff and heard his voice coming back to him. Why was it so?  
A. It is because sound travels in all directions.  
B. It is because the sound bounced back to him.  
C. It is because an echo is louder than the original voice.  
D. It is because sound travels in a straight line.
- The following are characteristics of a certain group of vertebrates.  
i) Their bodies are covered with feathers  
ii) They have wings  
iii) Their temperature does not change with that of the environment  
iv) They lay eggs and hatch them into young ones  
Which group of vertebrates is described above?  
A. fish                                B. birds  
C. reptiles                          D. amphibians
- The following diagram shows a charcoal iron box.



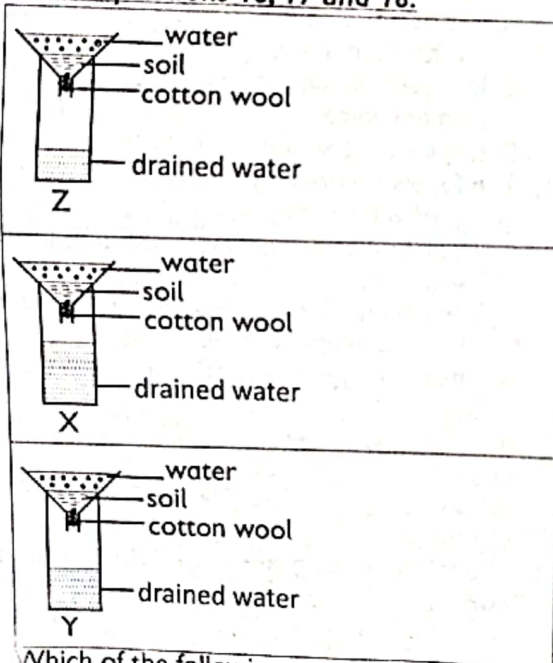
Which part of the iron box is made of a good conductor of heat?

- A. Y                                      B. L  
C. X                                      D. Q

13. Which one of the following fungi is smaller in size than the rest?  
 A. mushroom  
 B. yeast  
 C. toadstool  
 D. puffballs
14. Grade four learners from Miritini Primary observed photos of vertebrates found in their locality. It is likely that they saw;  
 A. frog, snake, chameleon  
 B. chameleon, spider, millipede  
 C. mosquito, housefly, tsetse fly  
 D. cow, dog, ant
15. Which one of the following statements is true about mammals?  
 A. They all reproduce by giving birth  
 B. They all move by walking  
 C. They all live on land  
 D. They are all warm blooded

### AGRICULTURE

Grade 4 learners carried out the following activity to investigate water retention capacity of different types of soil. Use it to answer questions 16, 17 and 18.



16. Which of the following statements is true about the soil named Z?  
 A. It has the smallest particles.  
 B. It has medium size particles.  
 C. It has the largest particles.  
 D. It retains the least amount of water.
17. Which crop can be grown on the soil labeled Y?  
 A. carrots  
 B. rice  
 C. sukumawiki  
 D. coconut
18. What is the name of the soil labeled X?  
 A. sandy soil  
 B. loam soil  
 C. clay soil  
 D. clay and loam soil

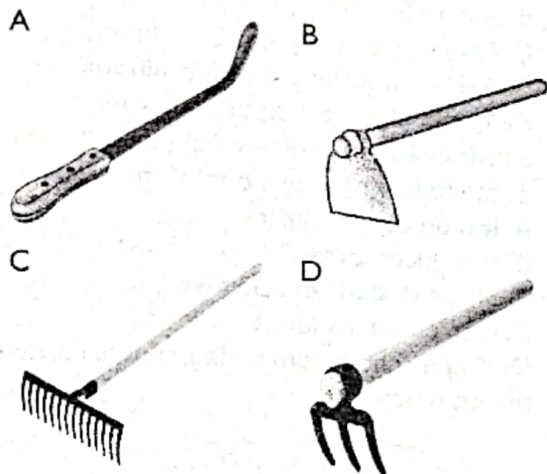
19. Applying mulches on the farm is important because;  
 A. it conserves water in the soil.  
 B. it improves soil texture.  
 C. it makes the soil more productive.  
 D. it makes farming easy.
20. Mlachake discovered that soil erosion had been taking place on his land. Which of the following is true about the eroded soil?  
 A. It is not important anymore.  
 B. It can be recovered.  
 C. It has no nutrients in it.  
 D. It is no longer useful for agriculture.
21. Which of the following materials can be used to make compost manure?  
 A. kitchen remains, plant remains, animal waste  
 B. kitchen remains, plastic bags, soil  
 C. nylon papers, plant remains, small stones  
 D. ash, small sticks, animal waste
22. The process of collecting eroded soil from its deposition back to the farm for farming is referred to as;  
 A. soil conservation.  
 B. soil preservation.  
 C. soil recovery.  
 D. soil improvement.
23. What should one do to increase the rate of decomposition in a compost pit?  
 A. Construct the pit under a shade.  
 B. Frequently turn the compost materials.  
 C. Ensure that the compost materials are not rained on.  
 D. Add ash to the compost materials.
24. During an agricultural trip, grade 5 learners observed a farmer spreading dry leaves and grass on the ground surface where the crops were planted. What is the name given to the practice they observed?  
 A. mulching  
 B. weeding  
 C. shading  
 D. thinning
25. Fanaka, a grade 4 learner, observed the following on her way to school.



- Where do you think she observed the object?  
 A. next to a food store  
 B. on the farm  
 C. near the road  
 D. under a tree



26. Zawadi was making a nursery bed. Which tool should he use to make the nursery bed level?



27. Which of the following is an example of the use of water on the farm?

A. washing clothes  
B. cleaning utensils  
C. washing the house  
D. cleaning farm tools

28. Which of the following small animals can harm chicks?

A. a hawk  
B. a mole  
C. a squirrel  
D. a weaver bird

29. Drip irrigation can be made by use of \_\_\_\_\_

A. irrigating can and a sprinkler.  
B. bottles and perforated pipes.  
C. perforated pipes and a sprinkler.  
D. water taps and bottles.

30. A pig can provide a farmer with \_\_\_\_\_

A. pork and milk.  
B. bacon and pork.  
C. pork and skin.  
D. milk and skin

### HOME SCIENCE

31. Which of the following fuels should not be used in a house with closed doors and windows?

A. electricity  
B. paraffin  
C. gas  
D. charcoal

32. The following are hygiene practices to be observed when cooking food. Which one is **not**?

A. Washing hands after touching food.  
B. Covering head with a cap and wearing an apron.

C. Cook and serve food in clean utensils.  
D. Cover cooked food and keep it in a clean place.

33. Juma ate the following food at lunchtime: ugali, meat and fried potatoes. What else should Juma eat to make his meal a balanced diet?

A. Boiled bananas  
B. Fried beans  
C. Fried chicken  
D. Ripe bananas

34. A pre-adolescent is one who is aged between

A. 6 and 9 years  
B. 9 and 12 years  
C. 13 and 19 years  
D. 20 and 30 years

35. For one to have a healthy life, he or she should **avoid** \_\_\_\_\_

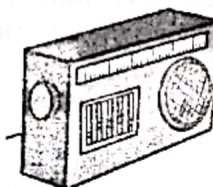
A. brushing and flossing teeth  
B. regular exercise  
C. enough sleep  
D. the use of earphones

36. Which of the following is **not** necessary in good grooming?

A. Well maintained hair  
B. Short and clean nails  
C. Expensive clothes  
D. Clean clothes

37. The following are items that can waste one's time **except** \_\_\_\_\_

A.



B.



C.



D.



38. Angela listed some of the activities to be carried out on a certain day. Which activity should be the first one to be done?

A. Feeding chicken  
B. Saying a prayer  
C. Having breakfast  
D. Watching television

39. Which of the following is the **main** reason why we boil milk before taking?

A. To make it soft  
B. To make it easier to drink  
C. For easier digestion  
D. To kill germs

40. Why is it advisable to store fragile utensils safely away from the reach of children?
- The children may be injured by the utensils.
  - The children may break the utensils easily.
  - The utensils may easily become dirty.
  - The utensils are very expensive.

### **PHYSICAL HEALTH EDUCATION**

41. Akello fell down when playing and had a bruise on her arm. What would you advise her to do?
- Apply a cold press on the affected area immediately.
  - Run to the hospital for treatment.
  - Apply ice directly on the skin around the affected area.
  - Leave the injury to dry up by itself then cover it with a bandage.
42. During the visual baton exchange, the athlete receiving the baton;
- is supposed to see the baton as he or she receives it.
  - is only allowed to use the left hand to receive the baton.
  - is not supposed to see the baton as he or she receives it.
  - is only allowed to use the right hand to receive the baton.
43. Which of the following images shows the position of an athlete during the command 'on your marks'?

A



B



C



D



44. Why is it advisable to paint the relay baton using bright colours?
- For easy exchange
  - To make it easy to carry
  - To be seen easily
  - To make it light

45. What does ABC mean in first aid?
- Airways, Breathing and Circulation
  - Aiding Broken Chest
  - Artificial Binding and Circulating
  - Aiding, Breathing and Circulation
46. Kipkemei likes participating in running activities because of several reasons. Which of the following is not one of the reasons?
- It may cause injuries
  - It reduces stress
  - Helps to control body weight
  - It strengthens lungs
47. During a school sports day, scouts carried the item below.



Which of the following items cannot be found in it?

- Iodine
  - Adhesive strip dressings
  - Injection and syringe
  - Anti-septic wipes
48. A baton is useful in;
- marathon
  - walking race
  - relays
  - 100 m sprint
49. What is the name given to the pass shown below?



- overarm pass
  - underarm pass
  - chest pass
  - overhead pass
50. Mulwa wanted to make his water safe for drinking during a sports competition. Which of the following is **not** a way of making the water safe?
- boiling the water
  - adding water guard
  - using water purifiers
  - filtering the water