



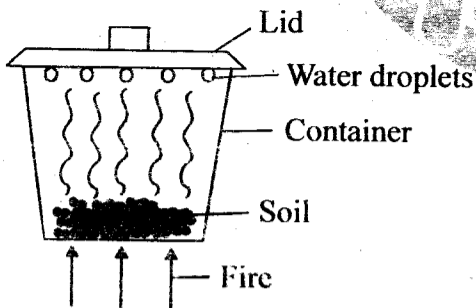
# CONTINUOUS ASSESSMENT TEST

## SCIENCE

Wings  
003

TIME: 1hr 40 mins

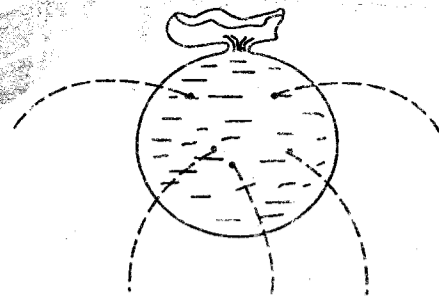
1. The grouping of plants according to their common characteristics is known as  
A. sorting. B. displaying.  
C. classification. D. naming.
2. The doctor who looks after our teeth is known as  
A. dentist. B. optician.  
C. physician. D. cardiologist.
3. \_\_\_\_\_ is a scientist who studies weather.  
A. Astronomer B. Meteorologist  
C. Climatologist D. Physician
4. The form of energy needed to remove moisture from grain is  
A. sound. B. light.  
C. fireflies. D. heat.
5. The activity below was carried out by class 4 pupils from Baraka primary school



The activity showed that

- A. soil contains smoke.
  - B. soil contains organic matter.
  - C. soil contains water.
  - D. soil contains living organisms.
6. Three of the following are poultry products **except**  
A. meat. B. milk.  
C. eggs. D. manure.
  7. Water can be used in industries for the following activities **except**  
A. skiing. B. cooling machines.  
C. making fountains. D. mixing chemicals.

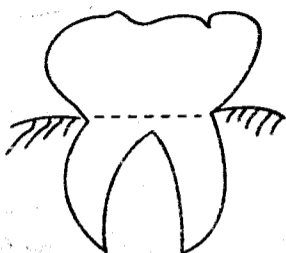
8. Which of the following is **not** a source of vitamins in the diet?  
A. Spinach. B. Kales.  
C. Watermelon. D. Cassava.
9. Pressure in liquids decreases with  
A. volume. B. depth.  
C. surface area. D. height.
10. A tool is a device that  
A. reduces work done.  
B. increases effort used.  
C. makes work easier.  
D. reduces work load.
11. Pupils put some liquid in a balloon and poked holes as shown



The best conclusion after the experiment

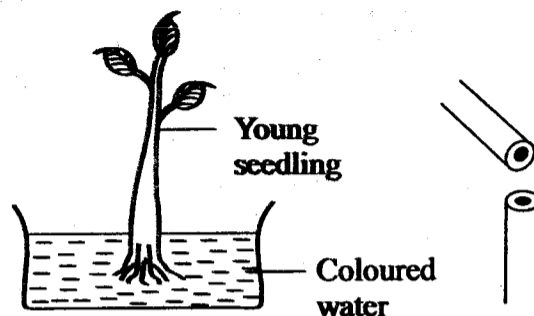
- was that pressure in liquids  
A. is exerted in all directions.  
B. increases with depth.  
C. is equal at the same depth.  
D. decreases with volume.
12. Wisdom teeth **mainly** consist of  
A. canines.  
B. molars.  
C. premolars.  
D. molars and premolars.

13. Clouds are grouped according to the following **except**
- A. shape. B. height.  
C. size. D. appearance.
14. Animals are **mainly** divided into two main groups. These are
- A. egg layers and ones that give birth.  
B. vertebrates and invertebrates.  
C. warm and cold blooded.  
D. those living on land and those living in water.
15. The following are non-green plants **except**
- A. liverwort. B. toadstool.  
C. mould. D. penicillium.
16. Heating can be used in the following ways **except** for
- A. cooking.  
B. ironing.  
C. drying grains.  
D. lighting bulbs.
17. Which one of the following materials does **not** make organic matter in the soil?
- A. Rotting plant materials.  
B. Polythene bags.  
C. Dead animals.  
D. Animal wastes.
18. What is the name of the tooth drawn below?



















- A. Incisor. B. Canine.  
C. Premolar. D. Molar.
19. Floaters can be made to sink by
- A. tying them to sinkers.  
B. crushing them into balls.  
C. changing their shape.  
D. reducing their size.
20. The second stage of HIV infection is
- A. fullblown. B. symptomatic.  
C. window. D. asymptomatic.

21. Which of the following food groups is made up of a **balanced** diet?
- A. Eggs, kales, ripe banana.  
B. Beans, kales, eggs.  
C. Milk, meat, chapati.  
D. Ugali, peas, cabbage.
22. The following are ways of maintaining tools **except**
- A. greasing.  
B. sharpening.  
C. using them regularly.  
D. cleaning after use.
23. Cumulus clouds have all of the following characteristics **except**
- A. are white in colour.  
B. indicate presence of rainfall.  
C. have a flat bottom.  
D. are found high in the sky.
24. Which one of the following is correctly matched?
- A. Making fountains - industrial use of water.  
B. Rearing fish - domestic use of water.  
C. Watering animals - use of water in transport.  
D. Irrigation - use of water at home.
25. A standard 5 pupil carried out the following experiment



- What was the pupil investigating?
- A. Making of food in plants.  
B. Respiration in plants.  
C. Transpiration in plants.  
D. Transportation of water and mineral salts in plants.
26. All the following are sounds with a special meaning **except**
- A. screaming. B. hooting.  
C. ambulance siren. D. laughter.

27. Which one of the following animals provides man with milk, skin and mutton?  
A. Cattle. B. Goat.  
C. Sheep. D. Camel.
28. Which one of the following does **not** give an example of table manner?  
A. Be close to the food when eating.  
B. Avoid licking your fingers while eating.  
C. Talk with food in the mouth.  
D. Chew food when the mouth is closed.
29. Which one of the following is **not** a reason for lighting a house?  
A. To feel warm.  
B. For safety purposes.  
C. To discourage pests.  
D. To read comfortably.
30. The chart below represents a weather record for four days

Day	Morning 8.00-10.00	10.00-12.00	Afternoon 12.00-2.00	2.00-4.00
MON				
TUE				
WED				
THUR				



Sunshine



Clouds



Rain



Windy



Calm

On which day did it rain immediately after being windy?

31. Tooth \_\_\_\_\_ is a sense of sharp feeling when taking hot or cold food and drinks.  
A. cavity B. ache  
C. sensitivity D. decay

32. In which part is bile manufactured?  
A. Gall bladder.  
B. Duodenum.  
C. Pancreas.  
D. Liver.
33. When the hand of a panga breaks, it should be  
A. painted.  
B. covered with a cloth.  
C. thrown away.  
D. repaired.
34. Which one of the following is **not** a component of soil?  
A. Dead plant. B. Water.  
C. Plastics. D. Air.
35. In an investigation on factors affecting sinking and floating pupils carried out the following activities

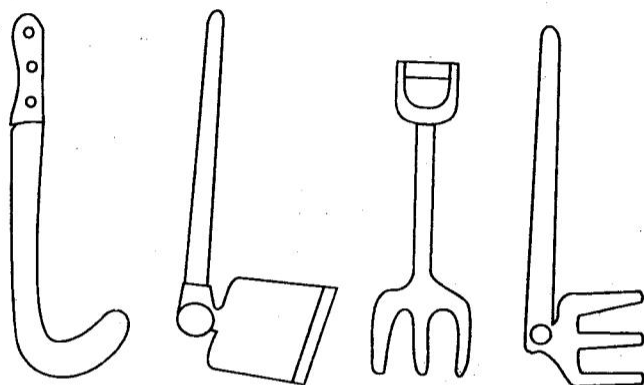
(i) Placed a bottle top in water

(ii) Made the same bottle top into a ball and placed it on water

Which one of the following factors were the pupils investigating?

- A. Size. B. Shape.  
C. Type of material. D. Mass.
36. Which one of the following is the most convenient way of transporting water in large towns? By use of  
A. tankers. B. camels.  
C. pipes. D. horses.
37. Which is the odd one out in the groups of crops below?  
A. Rice. B. Peas.  
C. Oats. D. Sorghum.
38. Which of these animals has the following features?  
(i) Constant body temperature  
(ii) No scales  
(iii) Breathes through lungs  
(iv) Lays eggs  
The animal is  
A. duckbilled platypus.  
B. bat.  
C. ostrich.  
D. frog.

39. Which one of the tools illustrated in the diagram below is suitable for digging a hard ground?



A. B. C. D.

40. Cooked banana is a source of  
A. body building food.  
B. fats.  
C. energy giving food.  
D. protective food.
41. Which of the following statements is **true** about the respiratory system when breathing out?  
A. The ribs move inwards and upwards.  
B. The volume of the chest cavity increases.  
C. The pressure in the lungs increases.  
D. The diaphragm flattens.
42. Which of the following is a living source of light?  
A. Sun.  
B. Glowworm.  
C. Natural star.  
D. Biogas.
43. HIV and AIDS can be transmitted to other healthy people through the following ways **except**  
A. sharing toilet seats.  
B. sharing nail cutters.  
C. during car accidents.  
D. sharing shaving machines.
44. Crops are mainly grouped into  
A. cereal and legumes.  
B. food crops and cash crops.  
C. fruits and vegetables.  
D. fibre crops and oil crops.

45. Which of the following materials **only** consist of sinkers?  
A. Chalk, nail, maize cob.  
B. Staple pin, metal, nail.  
C. Rubber band, plate, wood.  
D. Wood, sewing needle, maize cob.
46. The illustration below shows a cash crop



The plant is processed to make

- A. cooking oil.  
B. tea leaves.  
C. baskets.  
D. coffee.
47. The following animals give birth to littler. Which one does **not**?  
A. Dog. B. Cat.  
C. Pigs. D. Cow.
48. Water can be made safe for drinking by  
A. sieving.  
B. filtering.  
C. boiling.  
D. decanting out solid dirt.
49. Which type of soil makes the longest ribbon?  
A. Loam. B. Clay.  
C. Sand. D. Silt.
50. The following are methods of maintaining simple tools. Which one **cannot** be practised on a wheelbarrow?  
A. Repairing broken handles.  
B. Oiling and greasing.  
C. Cleaning after use.  
D. Cleaning before use.