

READ THESE INSTRUCTIONS CAREFULLY.

1. You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
2. Make sure that you have written on the answer sheet.

(i) Your name

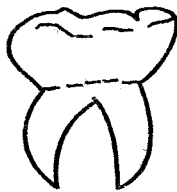
(ii) Name of your school

(iii) KNEC Assessment number

SCIENCE TECHNOLOGY

1. From the following plants which one do we eat roots?
A. Cabbage
B. Carrots
C. Sugarcane
D. Banana
2. Grade four pupils were asked to sweep their classroom. Which among the equipments for protection were they likely not to use?
A. Gumboots
B. Gloves
C. Google
D. Apron

The diagram drawn below shows a type of tooth.



3. What is its function?
A. Biting
B. Grinding
C. Chewing
D. Tearing
4. Which acid is produced in the stomach?
A. Saliva
B. Gastric juice
C. Hydrochloric acid
D. Methanol
5. The following are characteristics of living things

(i). They die

(ii). They reproduce

(iii). They react to changes in the environment

(iv). They remove waste

From the above which one describes a characteristic of an animal covering itself from the hot sunlight?

- A. (i)
- B. (ii)
- C. (iii)
- D. (iv)

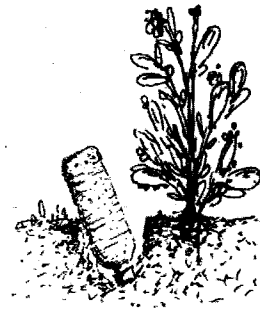
6. Absorption of water and mineral salts takes place in the
A. ileum
B. stomach
C. rectum
D. colon
7. Harmful poisonous substances that cause pollution are called?
A. Pollen grains
B. Pollutants
C. Pollution
D. Germs
8. Which of the following describes a use of water in the farm?
A. Cooling machines
B. Cooking
C. Swimming
D. Watering animals
9. Rose _____ her teeth after every meal.
A. sheds
B. brushes
C. cuts
D. irons
10. The part of plants that holds it firmly into the soil is known as _____
A. roofs
B. stem
C. leaf
D. flower
11. _____ should be kept away from children.
A. Books
B. Medicine
C. Clothes
D. School
12. Dirt have _____ which can make us sick.
A. money
B. handkerchief
C. soil
D. germs
13. The process of breaking food into small particles is called _____
A. digestion
B. breathing
C. egestion
D. absorption

14. Which of the following is **not** a care for our teeth?
 A. Eating sugarcane
 B. Eating carrots
 C. Brushing our teeth
 D. Using toothpicks to remove food leftovers
15. From the following materials which one floats?
 A. Wood
 B. Pin
 C. Stone
 D. Nail
16. Which one properties is **not** found in liquids?
 A. Mass
 B. Volume
 C. Shape
 D. Size
17. All the following are digital devices **except**
 A. Camera
 B. Ipad
 C. Laptop
 D. Bulb
18. The part of a computer that gives instruction when clicked is called _____
 A. monitor
 B. mouse
 C. keyboard
 D. processor
19. A snake moves by _____
 A. running
 B. walking
 C. slithering
 D. sliding
20. Which of the following animal is a verterbrate
 A. Slug
 B. Fish
 C. Millipede
 D. Snail

AGRICULTURE

21. The following are all fruits **except**?
 A. Mango
 B. Banana
 C. Lemon
 D. Spinach
22. The following are products from a goat. Which one is **not**?
 A. Mohair
 B. Milk
 C. Eggs
 D. Mutton
23. The following animals damage crops by eating the roots **except**
 A. Moles
 B. Antelopes
 C. Squirrels
 D. Termites

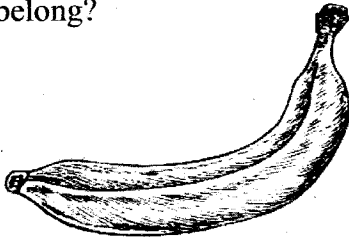
24. Name the type of irrigation drawn below



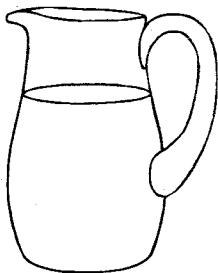
- A. watering can
 B. drip irrigation
 C. overhead irrigation
 D. sprinkler irrigation
25. When preparing a compost manure what material is added to act as food for bacteria?
 A. Top soil
 B. Farm yard manure
 C. Kitchen refuse
 D. Wood ash
26. The **best** soil for doing modelling is
 A. loam
 B. slit
 C. sand
 D. clay
27. A _____ is a plant growing where it is not needed.
 A. flower
 B. fruit
 C. weed
 D. mango
28. A domestic animal that can be used to transport goods is **likely** to be
 A. dog
 B. horse
 C. donkey
 D. goat
29. All the following are wild animals which one destroys crops?
 A. Monkey
 B. Lion
 C. Snake
 D. Scarecrow
30. Which soil has the largest particles?
 A. Sand
 B. Clay
 C. Loam
 D. Volcanic

HOMESCIENCE

31. Before buying food, why should you check on the freshness?
- A. To ensure they are good for use
 - B. To help us budget properly
 - C. To help in packing
 - D. To assist in transportation
32. Under which food category does a ripe banana belong?

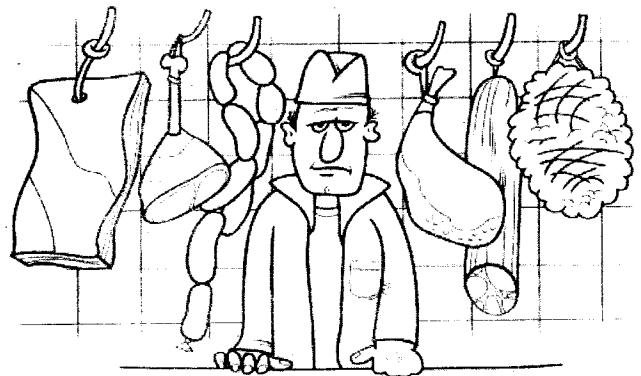


- A. Carbohydrate
 - B. Vitamins
 - C. Protein
 - D. Fats
33. Which of the following animals gives us milk?
- A. Hen
 - B. Hyena
 - C. Elephant
 - D. Cow
34. The following are hygienical practices observed when preserving milk **except**
- A. wear dirty clothes when handling milk
 - B. use clean container when preserving milk
 - C. clean milk containers using soap and hot water
 - D. clean your hand before handling milk
35. The following are precautions we observe when cleaning glass utensils **except**



- A. Hold glass utensils carefully
- B. Clean the utensils one by one
- C. Stack glass utensils
- D. Store the utensils in lockable cupboards

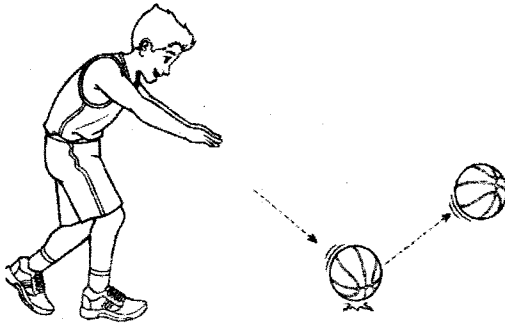
36. Jane has finished cooking mandazi, where should she place the hot sufuria with oil?
- A. Close to children
 - B. Leave it on the fire place
 - C. Open place to cool and store
 - D. On top of the table
37. What normally happens when we touch electric switches with wet hands?
- A. We can get shocked
 - B. We feel warmed
 - C. The hand get dried up
 - D. Blackout occurs
38. What is the butcher selling?



- A. Groceries
 - B. Meat
 - C. Books
 - D. Vegetables
39. What is likely to happen when we shop without a shopping list?
- A. It helps us save money
 - B. It shows the items we need to buy
 - C. It helps us to save time during shopping
 - D. We end up buying what we don't want
40. Jeremy has a cough. How can he prevent spreading the cough to his classmate?
- A. Cover the mouth with handkerchief
 - B. Cover the mouth with open hand
 - C. Cough in a crowded place mouth open
 - D. Cough in a closed room full of people

PHYSICAL HEALTH EXERCISE.

41. Which pass is being practised above?



- A. bounce pass B. underarm pass
C. chest pass D. overhead pass

42. Kneeling and raising the ball behind the head and throwing it is called

- A. standing-long jump
B. two-handed catching
C. bounce pass
D. kneeling overhead throw

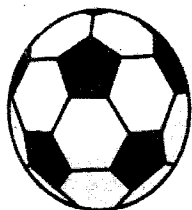
43. The following are practices taken when doing hand juggling **except**

- A. start slowly using bean bags
B. start with one ball and increase to two balls
C. kicking the ball using the leg
D. throw the items that you are juggling in the air

44. The following are benefits of swimming apart from?

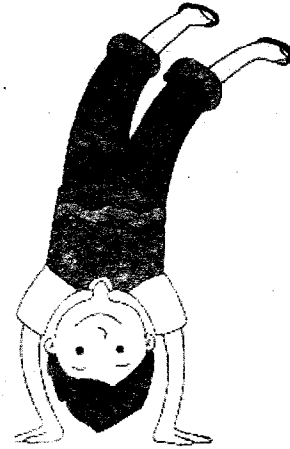
- A. It is relaxing and eases stress
B. Providing a pleasant leisure activity
C. Improves coordination, balance, flexibility and posture
D. Causes heart attack to swimmers

45. The item below can be improvised using the following materials **except**



- A. Sisal string B. Stone
C. Dry grass D. Old socks

46. The below diagram shows a headstand skill being practised. Which part of the body is placed on the ground.

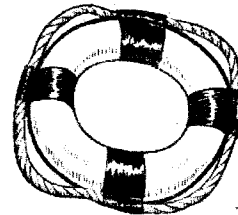


- A. hands B. legs
C. waist D. knee

47. The following are action sequence in physical education **except**

- A. T- balance B. Handstand
C. Knee stand D. Flying kick

48. What is the name of the item below?



- A. Floating device
B. Sinking device
C. Electrical device
D. Sitting items

49. The following are functions of the human heart apart from?

- A. To supply blood rich in oxygen to the body
B. To digest vegetable in the stomach
C. To maintain adequate blood pressure in the body
D. To take away blood that has no oxygen from the body

50. Components of health-related fitness include the following **except**

- A. Flexibility B. Muscular strength
C. Relaxing D. Muscular endurance