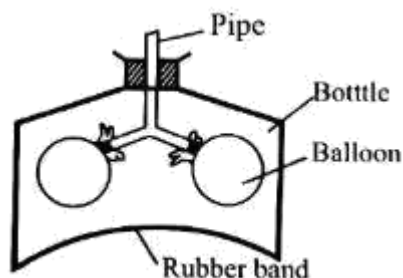


COMPETENCE BASED CURRICULUM HOMEWORK ENGAGEMENT PROGRAM GRADE 5 2024 AUGUST INTEGRATED ACTIVITY

SCIENCE AND TECHNOLOGY

- Grade four learners were discussing about the effects of force on objects. Which among the following is **not** true about force?
 - Can stop moving objects
 - Cannot change shape of objects
 - Can change direction of moving objects
 - Can start movement of an object
- A piece of wood can float on water in a basin while a five shilling coin sinks in water in the same basin. What makes the piece of wood to float while the coin sinks?
 - Shape
 - Amount of water
 - Size
 - Material
- The following are signs and symptoms of a cold as one of the respiratory diseases. Which one among them is not?
 - Sore throat
 - Chest pain
 - Fever
 - Cough
- Owino visited a clinic in his community and was able to learn about different diseases which are common in the community. Which among the following is **not** a prevention against typhoid?
 - Draining stagnant water
 - Drinking boiled or treated water
 - Washing hands before eating
 - Using toilets properly
- In computers, which among the following features shows the shortcuts to some programs in the desktop computers?
 - Start button
 - Title bar
 - Space bar
 - Desktop icons
- When typing a document, a learner wanted to move a certain information from page one to page two. What **best** advice can you give him to make his work more easier?
 - To duplicate the information
 - To ignore transferring the information
 - To cut and paste the information he wants
 - To delete the information and type it again when he wants the information
- The diagram below represents a model of a human breathing system.



Which among the following represents the part in which exchange of gases takes place?

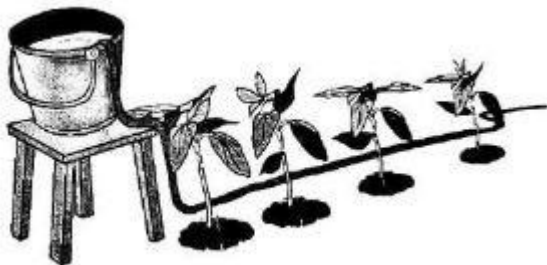
- A. Balloon
 - B. Rubber band
 - C. Pipe
 - D. Bottle
8. During a Science and Technology lesson, Nigel a grade 4 pupil observed a lit candle using a straight pipe while Lydia observed a lit candle using a bent pipe. Which of the following is the observation that was made by the two?
- A. Light can travel in all directions
 - B. Light can travel though a bent pipe
 - C. Light travels through a straight line
 - D. Light only travels in one direction
9. Grade five learners with their teacher were discussing about the sense organs. They discussed about ways of taking care for the ears as one of the sense organs. Among the following, which one is **not** correct?
- A. Visit a doctor in case of infection
 - B. Removing dirt and excess wax using match stick
 - C. Avoid loud music
 - D. Using ear muffs in noisy market
10. Alicia works in an irrigation scheme where there is stagnant water. Which among the following diseases is she **likely** to suffer from?
- A. Malaria
 - B. Cholera
 - C. Typhoid
 - D. Bilharzia
11. Grade five learners were discussing about the internal body parasites common in their community. The learners gave different pairs of the diseases as follows
- i. Raphael - Hook worms, jiggers
 - ii. Luvlyn - Tapeworms, pinworms
 - iii. Ryan - Lice, jiggers
 - iv. Kelvin - Mites, hookworms
- Which learner gave the **correct** answer?
- A. Ryan
 - B. Luvlyn
 - C. Kelvin
 - D. Raphael
12. During a clean up exercise in a dusty market, Grade five learners from Kapenguria primary were asked to carry school protective gears for the exercise. The learners carried the following. Which one was **not** necessary?
- A. Gloves
 - B. Gumboots
 - C. Goggles
 - D. Vest
13. Fungi such as mushrooms have many importance to human beings. Among the following, which one is the **most** important to the farmers?
- A. Used in manufacturing medicine
 - B. Help to improve soil fertility
 - C. Used in baking industries

D. Make the environment beautiful

14. The following are types of plants that are found within our locality. Which among them does **not** use flowers for reproduction?
- A. Maize
 - B. Pawpaw
 - C. Pine
 - D. Wheat
15. Grade five learners were discussing about vertebrates found in their surrounding. Among the listed vertebrates below, which one is an egg laying mammal?
- A. Bat
 - B. Chicken
 - C. Dolphin
 - D. Duck-billed platypus

AGRICULTURE AND NUTRITION

16. The following are tools that are used by farmers in the farming activities. Which one of the tools can the farmer best use in digging the hard grounds?
- A. Jembe
 - B. Panga
 - C. Fork jembe
 - D. Garden rake
17. Azziad lives in a densely populated town where she finds it difficult in getting fresh vegetables. She wants to plant vegetables for her family. Which one of the following is the **best** way of growing vegetables in such a town with small space?
- A. Use of container gardening
 - B. Use of crop mulching
 - C. Mixed farming
 - D. Thinning
18. The diagram below shows a certain type of irrigation



Which among the following is the **main** reason why the method is preferred over the use of sprinklers?

- A. It saves more time
 - B. It uses more water than sprinklers
 - C. It conserves water as it drips water only where the plant is
 - D. It is more cheaper to install than sprinklers
19. Below are some gardening practices carried out to establish carrot seedbeds. Which among the practices will help to conserve water in the soil?
- A. Watering
 - B. Thinning
 - C. Uprooting weeds
 - D. Mulching
20. Grade five learners from Msambweni primary school were discussing with their agriculture teacher about suitable planting materials for climbing fruit plants. Which plant below is correctly matched with suitable planting
- A. Grapes - stem cuttings
 - B. Kiwi - seeds
 - C. Raspberries - seeds

D. Black berries - vine cuttings

21. Three of the following are some ways of conserving water in farming. Which among the listed is **not** a way of conserving water?
- A. Watering plants
 - B. Applying mulching
 - C. Making shades over plants
 - D. Growing cover crops
22. A farmer was preparing an organic waste pit in his farm. Which of the following materials should not be in the waste pit?
- A. Food remains
 - B. Hedge prunings
 - C. Animal wastes
 - D. Plastic bottles
23. Grade five learners were asked to state indigenous root crops found in their locality. Which of the listed crops is not correct?
- A. Yams
 - B. Sweet potatoes
 - C. Sorghum
 - D. Cassava
24. Domestic animals have different uses in our communities. Learners listed the uses as follows. Which one is **true** about donkeys?
- A. Provide security
 - B. Provide company
 - C. Used in transportation
 - D. Provide food
25. Mr. Yusuf a farmer from Ng'ando plants passion fruits in his farm. Which among the following is **not** a care for the fruit plant?
- A. Cutting
 - B. Pruning
 - C. Watering
 - D. Training
26. Lisa was told by her mother to clean a plastic bowl. She gathered the following materials.
- *Sponge, soap, steel wool, warm water* Which of the materials was **not** needed?
 - A. Warm water
 - B. Sponge
 - C. Steel wool
 - D. Soap
27. Which of the following is **not** a method of preserving cereals and pulses?
- A. Drying in the sun
 - B. Mixing with ash
 - C. Smoking
 - D. Refrigeration
28. Choose one food that completes the list below.
Beans, meat, milk, green grams, _____
- A. yams
 - B. fish
 - C. oranges
 - D. potatoes
29. Name the needlework tool shown below



- A. Thimble
- B. Pin cushion
- C. Tape measure
- D. Threads

30. Grade 5 learners from Makutano primary were cleaning their classroom tiled floor. They followed the steps below. Arrange them correctly.

- i. Clean the surface using a cloth rinsed in warm soapy water
- ii. Clean, dry and store the tools and materials used
- iii. Sweep the floor with a broom
- iv. Dry the surface using a plain cloth
- v. Rinse the surface with a cloth wrung in warm water

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

31. All the following are benefits of physical exercises **except** one. Which one?

- A. Make us strong
- B. Cause illnesses
- C. Help us control weight
- D. Strengthen our bones

32. In order to prevent common communicable diseases, which one of the following should be done?

- A. Share towels
- B. Share handkerchiefs
- C. Observe hygiene
- D. Avoid bathing

33. Grace a grade 5 girl was improvising a cleaning material at home. She collected a pair of scissors, a wooden handle, an old towel and an elastic pipe. Which cleaning material was she improvising?

- A. Mop
- B. Broom
- C. Duster
- D. Dust pan

34. Which material is used to make the kitchen equipment in the picture below?



- A. Plastic
- B. Wood
- C. Aluminium
- D. Glass

35. Which of the following is **not** a factor to consider when choosing a button?

- A. Shape of the button
- B. Colour of the button
- C. Size of the button
- D. Method of fixing

MARKING SCHEME

SCIENCE AND TECH

1. **B**
2. **D**
3. **B**
4. **A**
5. **D**
6. **C**
7. **A**
8. **C**
9. **B**
10. **D**
11. **B**
12. **D**
13. **B**
14. **C**
15. **D**

AGRINUTRITION

16. **C**
17. **A**
18. **C**
19. **D**
20. **B**
21. **A**
22. **D**
23. **C**
24. **C**
25. **A**
26. **B**
27. **D**
28. **B**
29. **A**
30. **D**
31. **B**
32. **C**
33. **A**
34. **C**
35. **D**