

DECEMBER ASSIGNMENT 2026

GRADE 5 – SCIENCE AND TECHNOLOGY ACTIVITY

Time: 2 HOURS



LEARNER'S DETAILS

Name: _____ SCHOOL: _____

ASST/UPI Number: _____ Date: _____

Instructions for Learners

1. Write your name, Assessment/UPI Number and the Date in the spaces provided.
2. Check the question paper carefully to ensure all pages are printed and no questions are missing.
3. Answer all the questions in the spaces provided.

FOR EXAMINER'S USE

SECTION	% SCORE	Exceeding Expectations	Meeting Expectations	Approaching Expectations	Below Expectations	Assessors remarks
SCORE RANGE		75-100	40-74	21-39	1-20	
LEARNER SCORE						
LEVEL		4	3	2	1	
TICK LEVEL						

Answer ALL questions in this section

1. During a nature walk, the Grade 5 learners observed different plants growing around the school compound. Their teacher asked them to identify a plant that produces flowers and seeds.

Which one would they identify?

- A. Moss B. Fern
C. Algae D. Sodom apple

2. After bread was left in a warm and damp place for several days, a fuzzy growth appeared on it.

What is this fungus commonly called?



3. While studying animals, learners grouped them according to whether they have backbones. Animals that possess backbones are called:

- A. Herbivores B. Invertebrates
C. Vertebrates D. Parasites

4. A learner caught a fish from a pond and observed its body carefully. Which structure forms a protective covering over most of the fish's body?

- A. Feathers
B. Scales
C. Fur
D. Hair

5. A school nurse was teaching learners about diseases that affect the breathing system. Which disease below does **not** mainly affect the respiratory system?

- A. Asthma
B. Tuberculosis
C. Influenza
D. Typhoid

6. Read the clues below.

- i. *It is a disease.*
- ii. *It is sometimes called snail fever.*
- iii. *It is caused by parasitic worms.*
- iv. *It may be associated with contact with contaminated freshwater.*

Which disease is being described?

- A. Cholera
- B. Malaria
- C. Bilharzia
- D. Influenza

7. A sanitation officer visited the school and explained that human waste should be disposed of properly to prevent the spread of some parasitic worms.

Which word correctly completes the statement?

Human _____ can spread hookworm infections when it is not properly disposed of.

- A. faces
- B. faeces
- C. phases
- D. vases

8. Grade 5 learners were collecting waste during a school clean-up activity. The teacher reminded them to wear protective equipment.

Which item would **not** normally be used for protecting the body when handling waste?

- A. Gloves
- B. Gumboots
- C. Dust mask
- D. Tablecloth

9. At the end of lunch, learners sorted the waste into different groups. They wanted to separate biodegradable materials from materials that do not decompose easily.

Which item should be placed in the non-biodegradable group?

- A. Banana peel
- B. Vegetable remains
- C. Plastic bottle
- D. Tomato remains

10. The Environmental Club at school was preparing a compost heap. The learners needed materials that can decay naturally.

Which waste material would be most suitable?

- A. Food remains
- B. Glass jars
- C. Plastic spoons
- D. Metal cans

11. A family keeps glass containers and uses them several times instead of throwing them away after one use.

Which waste-management practice are they demonstrating?

- A. Reducing
- B. Reusing
- C. Destroying
- D. Burning

12. Before going shopping, Kerubo carries a reusable basket from home. She does this so that she does not need to take a new plastic bag every time she buys something.

Which waste-management practice does this demonstrate?

- A. Reducing
- B. Recycling
- C. Dumping
- D. Burning

13. Peter has many documents stored on a computer. He wants to organise the documents by keeping related files together in one place.

What should he create?

- A. Folder
- B. Mouse
- C. Keyboard
- D. Monitor

14. During an ICT lesson, the teacher asked learners to type their names into a document.

Which computer device should they use?

- A. Mouse
- B. Keyboard
- C. Monitor
- D. Speaker

15. A cold glass containing a drink was left on a table. After some time, tiny drops of water appeared on its outside surface.

The water vapour in the air had changed into liquid water through:

- A. Evaporation B. Melting
- C. Condensation D. Freezing

16. A piece of ice was placed in a container and left in a warm room. After some time, the ice changed into liquid water.

What process had taken place?

- A. Freezing B. Melting
- C. Condensation D. Evaporation

17. During a science experiment, learners discussed substances that are acidic. Which one of the following is **not acidic**?

- A. Lemon juice B. Orange juice
- C. Sour milk D. Wood ash

18. In some traditional communities, different methods are used to make milk become sour. Which substance may be used for this purpose?

- A. Lemon B. Antacid
- C. Baking soda D. Salt

19. During a health lesson, the teacher explained that some parasites live inside the bodies of humans. Which of the following is an example of an internal parasite?

- A. Louse B. Tick
- C. Pinworm D. Flea

20. The teacher drew a diagram of the human breathing system and asked learners to describe the windpipe, also known as the trachea.

Which statement about the windpipe is **incorrect**?

- A. It has C-shaped rings of cartilage.
- B. It is sponge-like in structure.
- C. It divides into two branches leading to the lungs.
- D. It provides a passage for air towards the lungs.

21. During a school gardening activity, learners noticed that one plant produced flowers before developing fruits and seeds.

What is the main role of flowers in flowering plants?

- A. To help the plant reproduce
- B. To absorb water from the soil
- C. To hold the plant firmly in the soil
- D. To prevent the plant from breathing

22. Musa noticed that a mushroom was growing on a piece of rotting wood. His teacher explained that fungi obtain nutrients from organic materials around them.

Which characteristic best describes fungi?

- A. They make their own food like green plants.
- B. They obtain nutrients from other organic materials.
- C. They all have flowers.
- D. They all have roots, stems and leaves.

23. A learner was bitten by an insect and developed itching on the skin. During the health lesson, the teacher explained that some organisms can live on the outside of the human body.

Which one is an example of an external parasite?

- A. Pinworm B. Tapeworm
- C. Louse D. Roundworm

24. The school kitchen produces vegetable peels and fruit remains every day. The Environmental Club wants to reduce the amount of waste taken to the dumping area.

What would be the best way of managing these materials?

- A. Put them in a compost heap
- B. Burn them inside the classroom
- C. Throw them into a river
- D. Mix them with broken glass

25. During a lesson on the three Rs of waste management, the teacher asked learners to explain **reducing**.

What does reducing waste mean?

- A. Using fewer materials and producing less waste
- B. Using an item repeatedly
- C. Changing waste into a new product
- D. Throwing all waste into one place

26. A learner accidentally deleted a document but had saved it earlier in a computer folder. She wanted to locate the document.

What is the main purpose of a folder?

- A. To store and organise files
- B. To type letters
- C. To display pictures
- D. To print documents

27. A saucepan containing water was heated on a cooker. After several minutes, some of the water changed into water vapour.

What process caused this change?

- A. Freezing
- B. Melting
- C. Evaporation
- D. Condensation

28. A teacher gave learners samples of lemon juice, sour milk, baking soda solution and wood ash. The learners were asked to identify acidic substances.

Which two samples are acidic?

- A. Lemon juice and sour milk
- B. Baking soda and wood ash
- C. Wood ash and lemon juice
- D. Baking soda and sour milk

29. During a health talk, learners were taught that good sanitation helps prevent diseases caused by parasites. Which practice would help reduce the spread of intestinal worms?

- A. Washing hands after using the toilet
- B. Drinking untreated water
- C. Walking barefoot in contaminated soil
- D. Leaving human waste in the open

30. A Grade 5 learner was asked to explain why the lungs are important in the human body.

What is the main function of the lungs?

- A. To pump blood around the body
- B. To exchange oxygen and carbon dioxide
- C. To digest food
- D. To produce urine

ANSWERS

No. Answer

- | | |
|----|---|
| 1 | D |
| 2 | B |
| 3 | C |
| 4 | B |
| 5 | D |
| 6 | C |
| 7 | B |
| 8 | D |
| 9 | C |
| 10 | A |
| 11 | B |
| 12 | A |
| 13 | A |
| 14 | B |
| 15 | C |
| 16 | B |
| 17 | D |
| 18 | A |
| 19 | C |
| 20 | B |
| 21 | A |
| 22 | B |
| 23 | C |
| 24 | A |
| 25 | A |
| 26 | A |
| 27 | C |
| 28 | A |
| 29 | A |
| 30 | B |