

PRIMARY SCHOOL EDUCATION ASSESSMENT

AUGUST ENGAGEMENT ACTIVITIES 2026

GRADE 5 – SCIENCE AND TECHNOLOGY

Time: 1 Hour 30 Minutes



LEARNER'S DETAILS

Name: _____ . School: _____ .

Assessment Number: _____ . Date: _____ .

School Code: _____ . Signature: _____ .

Instructions for Learners

1. Write your name, school name, and assessment number 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.
4. Answer **all** questions.
5. Write your answers clearly in the spaces provide.

FOR EXAMINER'S USE

SECTION	TASK 1	TASK 2	% SCORE	EE1	EE2	ME1	ME2	AE1	AE2	BE1	BE2
SCORE RANGE	20 MARKS	30 MARKS		90-100	75-89	58-74	41-57	31-40	21-30	11-20	1-10
POINTS				8 POINTS	7 POINTS	6 POINTS	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT
LEARNER'S TOTAL SCORE											

SECTION A: (20 MARKS)

Answer **ALL** questions in this section.

1. James brought the following plants to school for a project

- i. Rose Plant
- ii. Fern Plant

(a) Which one of the plants above is a flowering plant? _____ (1 mark)

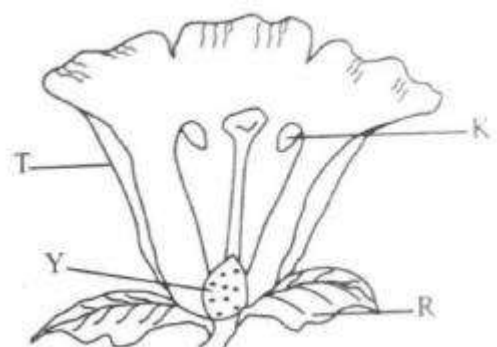
(b) Name one importance of flowers in nature. (1 mark)

2. The diagram below shows parts of a flower.

(a) Name the parts of the flower shown above. (4 marks)

T: _____ . K: _____ .

Y: _____ . R: _____ .



(b) State one function of stigma. (1 mark)

3. The following animals were observed in a school environment.

- i. Cow
- ii. Snake
- iii. Fish
- iv. Bird

(a) Which animal above belongs to the reptile group? ($\frac{1}{2}$ mark)

(b) State one general characteristic of vertebrates. ($\frac{1}{2}$ mark)

4. Study the diagram below.



(a) Name the organ where air enters the body. ($\frac{1}{2}$ mark)

(b) State one disease that affects the breathing system. ($\frac{1}{2}$ mark)

5. A learner mixed sand and beans in a container.

(a) Name the type of mixture formed. _____ ($\frac{1}{2}$ mark)

(b) State the best method of separating the mixture. _____ ($\frac{1}{2}$ mark)

6. (a) State one cause of water pollution. ($\frac{1}{2}$ mark)

(b) Give one method of treating water at home. ($\frac{1}{2}$ mark)

7. A piece of wood and a stone were placed in water.

(a) Which object is likely to float? _____ (1 mark)

(b) Name one factor that affects floating and sinking. (1 mark)

8. A learner beat a drum during a music lesson.

(a) State the source of sound in the activity above. _____ (1 mark)

(b) Give one effect of loud sound on people. (1 mark)

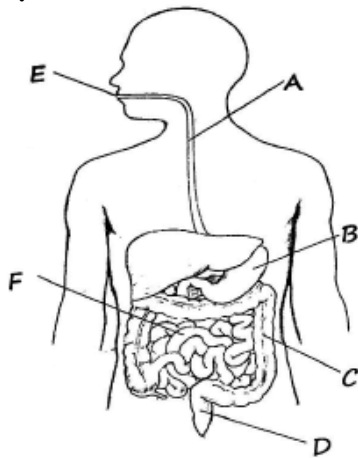
9. Study the following materials.

- i. Metal spoon
- ii. Wooden spoon

(a) Which material is a good conductor of heat? _____ ($\frac{1}{2}$ mark)

(b) State one safety precaution when handling hot objects. ($\frac{1}{2}$ mark)

10. The picture below shows the digestive system.



(a) Name the parts marked (3 mark)

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____

(b) Which organ produces bile juice used in digestion? _____ ($\frac{1}{2}$ mark)

(c) State one way of maintaining a healthy digestive system. ($\frac{1}{2}$ mark)

SECTION B: (30 MARKS)

Answer ALL questions in this section.

11. Properties of Matter (6 marks)

(a) Define the term matter. (1 mark)

(b) Name the three states of matter. (3 marks)

(i) _____

(ii) _____

(iii) _____

(c) State two properties of liquids. (2 marks)

(i) _____

(ii) _____

12. A school organised a clean-up activity around the compound.

(a) Differentiate between decomposable and non-decomposable waste. (2 marks)

(b) Give two dangers of poor waste disposal. (2 marks)

(i) _____

(ii) _____

(c) State two methods of managing solid waste. (2 marks)

(i) _____

(ii) _____

13. (a) Name two types of force. (2 marks)

(i) _____

(ii) _____

(b) State three effects of force on objects. (3 marks)

(i) _____

(ii) _____

(iii) _____

(c) Give one way of reducing friction between moving objects. (1 mark)

14. (a) Classify the sources of light above into natural and artificial. (3 marks)

Source of Light	Type
Sun	_____
Bulb	_____
Candle	_____

(b) State three uses of light. (3 marks)

- (i) _____
- (ii) _____
- (iii) _____

15. (a) Draw and name four types of teeth in human beings. (2 marks)

(b) State two symptoms of an unhealthy breathing system. (2 marks)

- (i) _____
- (ii) _____

(c) Give two ways of keeping the breathing system healthy. (2 marks)

- (i) _____
- (ii) _____

MARKING SCHEME

SECTION A

1. (a) Rose plant
(b) Attract pollinators / reproduction / beauty
- 2.

(a) Name the parts of the flower shown above. (1 mark)

T: petals.

K: anthers.

Y: ovary.

R: sepals.

(b) receive pollen grains from the anthers

3. (a) Snake
(b) Have a backbone
4. (a) Nose
(b) Asthma / cough / cold / COVID-19
5. (a) Heterogeneous mixture
(b) Picking / sieving
6. (a) Dumping waste in water
(b) Boiling / filtration
7. (a) Wood
(b) Shape / size / weight
8. (a) Vibrating drum
(b) Ear damage / headache
9. (a) Metal spoon
(b) Use gloves / avoid touching directly
10. (a)

- A. Oesophagus/gullet/foodpipe
- B. Stomach
- C. Colon/large intestines
- D. Rectum
- E. Mouth
- F. Ileum/small intestines

- (b) liver
(c) Brushing teeth / healthy eating / deworming

SECTION B

11. (a) Anything that occupies space and has mass
(b) Solid, liquid, gas
(c) Take shape of container, have volume
12. (a) Decomposable waste rots easily while non-decomposable does not rot easily
(b) Pollution, diseases, bad smell
(c) Recycling, reusing, reducing
13. (a) Gravity, friction
(b) Start movement, stop movement, change direction, change shape, increase/decrease speed
(c) Oiling / greasing / use of rollers
14. (a) Sun - natural; Bulb - artificial; Candle - artificial
(b) Seeing, security, discouraging pests
15. (a)



- (b) Coughing, sneezing, breathing difficulty
- (c) Exercise, avoid smoke, eat healthy food