

THE KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT.

GRADE 8.

INTEGRATED SCIENCE.

JULY-AUGUST

Time: 1¹/₂ Hours.

JUNIOR SCHOOL ASSESSMENT HOMEWORK ENGAGEMENT INTEGRATED SCIENCE.

Learner's Name: _____

Assessment No: _____ **Grade:** _____

Date: _____

FOR EXAMINERS USE ONLY.

Score Range	Performance Level	Tick
80-100	Exceeding Expectation	
60-79	Meeting Expectations	
40-59	Approaching Expectations	
Below 40	Below Expectations	

OUT OF	50 MARKS
Learners Score.	
Learners %	

Instructions to Learners.

- Write your name, stream and register in the spaces provided above.
- Sign and write the date of examination in the space provided above.
- Answer all questions in this question paper.
- All your answers must be written in the spaces provided below each question.
- This paper consists of printed pages. Learners should check the questions in each paper to ascertain that all the papers are printed as indicated and that there is no question missing.
- Answer all the questions in English.

QUESTIONS.

1. Give two safety measures to observe when using a power extension cable. **(2mks)**

2. The ability of a substance to be reduced in volume or size by applying force or pressure on it is referred to as _____ (2mks)

3. Give the information one gets when they see the following signs. (4mks)

4. State the difference between animal and plant cells considering the following aspects. (6mks)

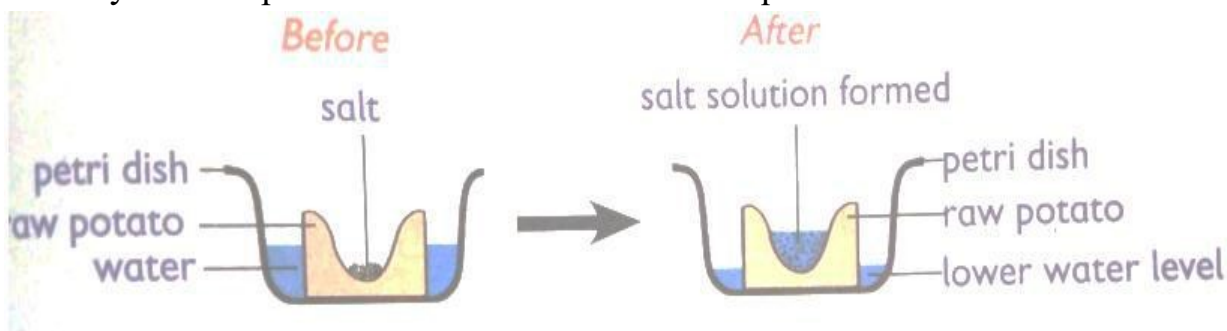
Aspect	Animal cell	Plant cell.
Shape		
Size		
Presence of Cell wall and cell membrane		

5. Name the parts of a cell that: (3mks)

- a.) Helps in photosynthesis. _____
- b.) Controls all the activities of the cell. _____
- c.) Found both in animal and plant cells. _____

6. Name the two gases that are exchanged in the alveoli. (2mks)

7. Study the set up below and use it to answer the questions that follow.



a.) Name the process taking place in the diagram above. **(1mk)**

b.) Name two observation show in the set up after the experiment was done. **(2mks)**

c.) If the experiment is done using a boiled potato, state the observation that. **(2mks)**

d.) Name two occasions when the process above is applied in living organisms. **(2mks)**

8. Give four challenges related to human menstrual cycle. **(4mks)**

9. Differentiate between fertilization and implantation. **(2mks)**

10. Name two waste products excrete through the skin. **(2mks)**

11. Differentiate between heterogeneous and homogeneous mixtures. **(2mks)**

12. Name two instruments used to enlarge the image of a specimen when viewing. **(2mks)**

13. Write the five basic scientific skills. **(5mks)**

14. Name three items to put on while using the laboratory chemicals. **(3mks)**

15. In case of a fire outbreak, write down three items you will use to put off fire. **(3mks)**

16. Draw a sign you will print and stick on a flammable materials. **(1mk)**

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