



SCHOOL BASED ASSESSMENT

# JUNIOR SCHOOL

## INTEGRATED SCIENCE

### GRADE 7 - 2024

**JS2402**

Time: 1 Hour 40 Minutes.

LEARNER'S NAME: \_\_\_\_\_

ASSESSMENT NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

SCHOOL NAME: \_\_\_\_\_

### INSTRUCTIONS TO THE LEARNER

Answer all the questions in the spaces provided.

#### For Teacher's Use Only.

	INTEGRATED SCIENCE
	QUESTION NO. 1 - 17
LEARNER'S SCORE	
TOTAL SCORE (50MKS)	
PERFORMANCE LEVEL	

This question paper consists of 8 printed pages.

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TURN OVER



JS2402

1. Grade seven learners were discussing on the difference between burns and scalds. What did they suggest? (2mrks)

(a) Burns

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(b) Scalds

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2. Njeru, a grade 7 learner used his digital device to search for the meaning of the following hazard symbols. Write down the meaning of each.(4mrks)

	Symbol	Meaning
i		
ii		
iii		
iv		

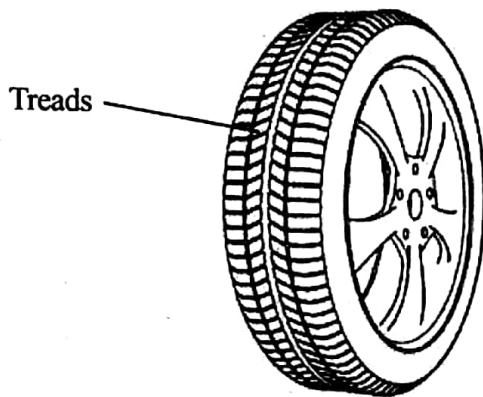
3. After graduation to grade 7, learners were discussing the branches or components of Integrated Science. Mention the three components they discussed. (3mrks)

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4. Omondi visited his uncle at his garage and saw a tyre with some patterns as shown below. The uncle explained to Omondi the treads are used to increase friction.



State any other four advantages of friction. (4mks)

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5. During a discussion, Damaris and Charity did their assignment as shown below.



List down 4 scientific skills used as shown above. (4mrks)

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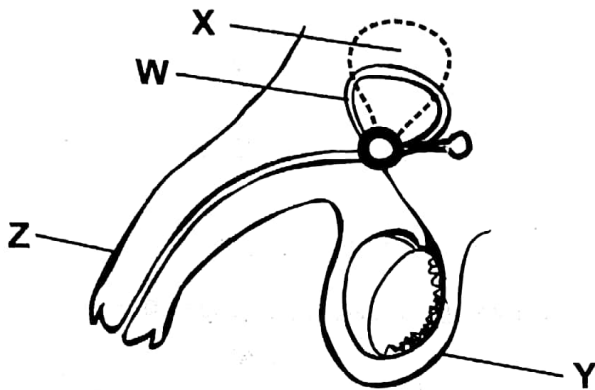
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6. Arnold, a grade 7 learner was asked to name the SI unit of length. Write down his correct response. \_\_\_\_\_ (1mrk)

7. John deeped red litmus paper into lemon juice. What happened to it? (1mrk)

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8. Mr. Mwangi an Integrated Science teacher displayed the chart below on the board.



Name the parts labelled X, W, Z and Y respectively. (4 mrks)

X \_\_\_\_\_

W \_\_\_\_\_

Z \_\_\_\_\_

Y \_\_\_\_\_

9. During St John's training, melody was given the following terms.

**Antiseptic, Gloves, Scissors, Plaster**

Use the above words to complete the table. (4mrks)

(a)	Worn on hands to prevent germs	
(b)	Covering small wounds	
(c)	Killing germs and cleaning wounds	
(d)	Cutting bandages	



10. Judy used her digital device to search the meaning of SI. Write down her correct possible finding. (2mrks)

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11. Mr. Muchunku asked his learners to list down any 4 basic quantities after discussing that SI has and derived quantities. Write the correct possible answers they listed. (4 mrks)

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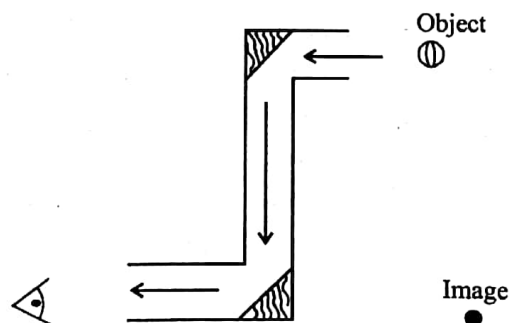
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12. Mark was sick. His body temperature was 311 Kelvin. What was his temperature in degree Celsius? (2mrks)

13. During a visit to marine park in Malindi, Kimani saw the instrument below.



(a) The instrument is called \_\_\_\_\_ (1mk)

(b) It uses the principle of \_\_\_\_\_ of light. (1mk)

(c) Mirrors are set at an angle of \_\_\_\_\_ (1mk)

14. During Research and discussion, a group of learners came across a group of animals called Arachnids. They have two body parts and four pairs of legs. Mention any four examples of Arachnids animals they found. (4 mrks)

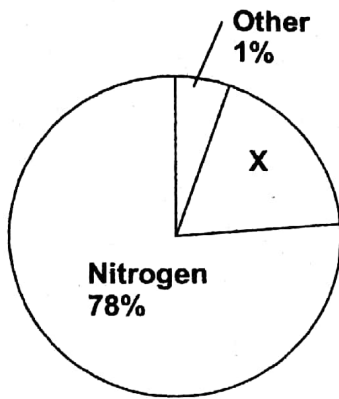
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15. Grade 7 teacher displayed a chart on the wall as shown below



(a) Name the gas labelled X. \_\_\_\_\_ (1mk)

(b) List down three uses of gas marked X. (3mrks)

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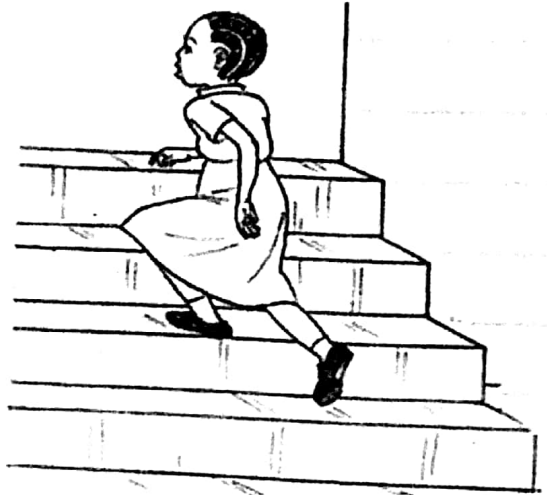
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16. During a research, a learner of grade 7 found out that friction has both advantages and disadvantages. Give two possible disadvantages. (2 mrks)

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17. Jane, a grade 6 learner was running up the staircase as shown below.



Name two other machines under this group of slopes. (2 mrks)

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