



SCHOOL BASED ASSESSMENT

JUNIOR SCHOOL

PRE-TECHNICAL STUDIES

GRADE 8 - 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.

	QUESTION NUMBERS 1-9
LEARNER'S SCORE	
TOTAL SCORE (50MKS)	
PERFORMANCE LEVEL	



This question paper consists of 8 printed pages.

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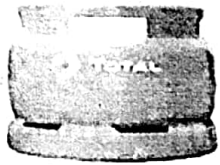

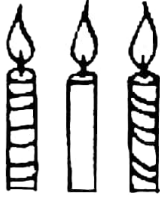

JS2402

1

PRE-TECHNICAL STUDIES GRADE 8

1. Mention any three causes of fire outbreak in any working environment. (3mks)

2. Classify the following substances either as flammable or non-flammable materials. (4mks)

	Substance	Classification
i		
ii		
iii		
iv		

3. a) Mention any four fire-fighting methods in a work environment. (4mks)

b) There is an emergency fire outbreak in your boarding school at dawn. As a school safety prefect, describe the relevant and necessary procedures that should be taken until the fire is contained and everyone's safety is guaranteed. (3mks)






4. State three ways of securing data stored in an electronic device. (3mks)

5. State three major threats to data stored in an electronic device. (3mks)

6. a) Give the meaning of the term computer hardware. (1mk)

b) Name and classify the following computer hardware as either input hardware or output hardware.

(5mks)

Device picture	Name of the device	Classification	
		Input hardware	Output hardware
			
			
			
			
			

7. a) Give the meaning of the term consumer protection. (1mk)





b) Give three reasons why it's important to protect consumers and investors in a business environment. (3mks)

c) Outline two ways in which the government may protect its country's consumers and investors as they carry out their business activities. **(2mks)**

d) State three Non-Governmental Organizations in Kenya concerned with consumer protection. **(3mks)**

e) Mention three ways in which Non -Governmental Organizations may exploit in Kenya in order to ensure safety and comfort of the country's consumers. **(3mks)**

g) Classify the following activities as either a business or non-business activity. Put a tick in the appropriate classification box. (4mks)

	PICTURE	ACTIVITY	CLASSIFICATION	
			Business activity	Non-business activity
i		Driving a personal car during a family tour.		
ii		Selling goods at the supermarket counter.		
iii		Green grocery shopping for family consumption.		
iv		Watching football match for leisure.		

8. a) During an outdoor Pre-technical lesson, grade eight learners were asked to classify materials as metallic and non-metallic based on the observable and behavioral characteristics. Write down four comparable differences they must have used to correctly classify the objects. (2mks)


	METALLIC MATERIALS	NON-METALLIC MATERIALS
I		
II		
III		
IV		

- b) List four characteristics of ferrous materials. (2mks)

9. a) You have been invited to give a talk on Environmental Conservation based on energy usage in your neighbouring school. List to your audience two advantages of using green energy as opposed to other forms of energy. (2mks)

b) Classify the following sources of energy as renewable or non-renewable sources of energy.

Tick in the box appropriately. (2mks)

	ENERGY SOURCE	CLASSIFICATION	
		RENEWABLE	NON-RENEWABLE
I			
II	