Pupil's A	ssessment N	Jumber:	• • • • • • • • • • • • • • • • • • • •	
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THE UNITED REPUBLIC OF TANZANIA THE NATIONAL EXAMINATIONAL COUNCIL OF TANZANIA STANDARD FOUR NATIONAL ASSESSMENT

05E SCIENCE AND TECHNOLOGY

Time: 1:30 Hours Thursday, 28th October 2021 p.m

Instructions

- 1. This paper consists of two sections A, and B with five (05) questions.
- 2. Answer **all** questions.

FOR ASSESSOR'S USE ONLY						
QUESTION NUMBER	SCORE	ASSESSOR'S INITIALS				
1						
2						
3						
4						
5						
TOTAL						
CHECK						

SI	ECTION A: M	ultiple choice, matching items, and filling the ban	ks
1.	Choose the con	rrect answer and write it s letter in the box provided	:
	i) What is	the function of an antenna in the radio?	
	A.	Tuning the sound	
	B.	Receiving signals	
	C.	Tuning stations	
	D.	Amplifying volume	
	ii) Which r	nodern devices are used for communication?	
	A. T	elephone, radio and television	
	B. D	rum, whistle and television	
	C. R	adio, newspaper and horn	
	D. T	elephone, drum and horn	
	iii) How are	e pictures and texts communicated in the television?	
	А. Т	Through the speaker	
	В. 7	Through the screen	
	С. Т	Through the antenna	
	D. 7	Through the remote	
	iv) Which c	company does not provide cellular network service is	n Tanzania?
	A.	TTCL	
	В.	VODACOM	
	C.	TECNO	
	D.	TIGO	
	v) How do	you call the calls made when assistance is needed in	nmediately?
	A.	Radio calls	
	В.	Important calls	
	C.	Voice calls	
	D.	Emergency calls	

Pupil's Assessment Number:

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2. Answer items (i) to (v) by matching the symptoms of diseases in **list A** with their corresponding diseases in **list B**. Write the letter of the correct answer in the brackets.

List A	Answers	List B
(i) Tightening of parts of the body and bending of the neck	()	A. Tuberculosis B. Diabetes
(ii) Occurrence of rashes in the body	()	C. Tetanus
(iii) Excreting a stool in form of rice water	()	D. Diarrhoea
(iv) Frequent urination	()	E. Measles F. Asthma
(v) Whistle voice during breathing	()	G. Cholera

3. Answer items (a) to (e) by writing the steps of scientific investigations provided in the box.

analysis of data, interpretation of data, formulation of hypothesis, performing experiment, identification of the problem.

a) First step	

b) Second step

c) Third step

d) Fourth step

e) Fifth step

SECTION B

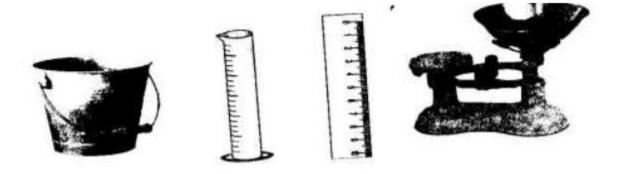
4. Read the following passage and answer items (a) to (e) by writing the correct answer in the space provided.

Wearing of dirty clothes causes bad smell to the body and sometimes skin diseases. Clean clothes make a person look smart and attractive. For clothes to be clean, they must be washed by using clean water and soap. After drying, the clothes are supposed to be ironed so as to kill disease-causing germs. Also, ironing clothes makes a person who puts on the clothes look smart. When clothes are clean, they can be worn or kept in clean and dry place, like in the cases or drawers.

Questions

a)	What materials are required in washing clothes?
	i)
	ii)
b)	What is the effect of wearing dirty clothes?
c)	Why do we iron clothes before wearing? Give one reason
d)	What kills the germs when ironing clothes?
e)	Why clean clothes are kept in cases or drawers?

5. Use the devices shown in the pictures to answer items (a) to (e). Write your answer in the spaces provided.



Questions

a)	Which device gives a non-standard mea	surement?	

c)	Which	device	is used	to measure	the 1	ength	of a	desk?
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d)	Which	device	is used	measure	the mass	of a	substance?
· ,	, , , , , , , ,	401100	ID GDCG	mousure	uit iiiabb	OI u	bacbtane.

e)	Why the n	neasurement ;	given by	the ruler	is a standaı	d measurement?
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