THE UNITED REPUBLIC OF TANZANIA THE NATIONAL EXAMINATIONAL COUNCIL OF TANZANIA STANDARD FOUR NATIONAL ASSESSMENT 05E SCIENCE AND TECHNOLOGY

Time: 1:30 Hours Thursday, 21st November 2019 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 | | | | | | |
| СНЕСК | | | | | | |

| SECTION A: MULTIPLE CHOICE AND MATCHING ITH | EMS | | | | |
|---|-----|--|--|--|--|
| 1. Choose the correct answer and write it s letter in the box provided: | | | | | |
| i) Safe food is the one which is | | | | | |
| A. sprayed with insect killers. | | | | | |
| B. kept in a clean container. | | | | | |
| C. kept for a short time. | | | | | |
| D. kept in a place where there is light. | | | | | |
| ii) The following are the preventive measures against diseases except. | | | | | |
| A. closing the mouth when coughing. | | | | | |
| B. sleeping in a clean and safe place. | | | | | |
| C. drinking clean and safe water | | | | | |
| D. washing hands before going to the toilet | | | | | |
| iii) Which diseases are caused by pollution of water sources? | | | | | |
| A. Whooping cough and measles. | | | | | |
| B. AIDS and cholera. | | | | | |
| C. Malaria and trachoma. | | | | | |
| D. Cholera and bilharzias. | | | | | |
| iv) Which is the function of saliva in the digestion of food | | | | | |
| A. To soften food | | | | | |
| B. To soften the mouth | | | | | |
| C. To soften teeth | | | | | |
| D. To soften the tongue. | | | | | |
| v) In which part does the digestion of food start in the system? | | | | | |
| A. In the stomach | | | | | |
| B. In the oesophagus | | | | | |
| C. In the mouth | | | | | |

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D. In the pancreas.

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|----|-------|------------|------|------|

2. Match sentences in **List A** with its corresponding answer in **List B** then write the letter of the correct answer in the brackets given.

| List A | Letters | List B |
|---|---------|---|
| (i) A state of matter which is light. | () | A. Gas |
| (ii) A state of matter with fixed shape. | () | B. Soda C. Steam |
| (iii) An example of matter in a solid state. | () | D. Liquid |
| (iv) A state of matter which takes a shape of a vessel. | () | E. ParticlesF. Chalk |
| (v) An example of matter in gaseous state. | () | G. Solid |

SECTION B

3. Answer item (i) – (v) by choosing the correct word from the box and write it in the space provided.

Heart burn, constipation, kwashiorkor, marasmus, flatulence, teeth decay, stomach ulcers.

i) The condition by which a person produces hard and dry faeces is known as _______
ii) The condition which is caused by the excess of gas in the stomach is called _______
iii)
iv) What is the name of the burning pain in the oesophagus and chest? ______

v) In the digestive system, the sores or lesions in the stomach wall are called

| Pupil's Assessment Number: |
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| vi) What effect on teeth may result from eating food wth too much sugar? |
| |
| 4. Read the following passage and then answer items (i) - (v). The passage was as follows: |
| Many types of food which we use in our daily life are cooked. Food is cooked using heat energy. The devices used to facilitate the cooking of our food are known as cookers. In Tanzania, the types of cookers mostly used are firewood and charcoal cookers. In recent years, there has been an increase of users of gas cookers in both rural and urban areas. The choice of type of cooker differs depending on the availability, cost and safety of the type of fuel used. These are some of the things to consider when choosing the type of cooker to use. |
| Questions i) Name two types of cookers used by many people in Tanzania |
| • |
| ii) What kind of energy is used for cooking? |
| iii) What differentiates types of cookers? |
| iv) What do you think is the reason for many people using the firewood cooker? |
| v) Name two other cookers apart from those mentioned in the |

passage_____

5. Observe the picture given, then answer items (i)-(v)



- i) What is the name of the object in the picture?_____
- ii) Label the part which carries electrical power from the socket by using letter A.
- iii) Label the part which displays pictures by using letter B
- iv) Label the part that picks up signals in the air by using letter C
- v) hy is the device shown in the picture important to