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BLOOMINGHILL COLLEGE

CLASS: JSS 1

ESSAY WRITING

TOPIC: “IF I COULD INVENT SOMETHING NEW”

Introduction

Since the world began, new things have not ceased to be invented. At every era, something new is invented by someone to benefit humanity. These inventions have contributed significantly to the reduction of stress, increase in the speed of doing things, mass production, discoveries, diagnosis and proffering of solutions to complex human problems. This essay therefore aims to discuss if I could invent something new, what that new thing would be and its potential benefits to humanity.

Examples of some historical inventions

Some of the major inventions that have had great impact on humanity are steam engine by Thomas Savery and Thomas Newcomen in 1698 and 1712 which brought about industrial revolution in the 17th century, electricity by Benjamin Franklin and Michael Faraday in the 18th century and computer by Charles Babbage in 1942. Looking at these historic inventions often leaves me with the thought: “if only I could invent something new also.” Consequently, the thought of joining the league of inventors has obsessed me.

What I will like to invent

Medical science has been one of the beneficiaries of advancement in technology. Over the years, some amazing machines that save lives have been invented. One thing I would like to invent if I have the opportunity is a smartwatch that can detect diseases in the body. Smartwatches have become increasingly popular in recent times because of their capacity to track different health indicators, including heart rate, patterns of sleep, and physical movements. This smart watch would be able to detect cancer, diabetes, high blood pressure, stroke and heart attack.

Materials required for the invention

The materials required for making a smart watch that detects diseases in body are polyurethane, PDMS, polyethylene terephthalate, ecoflex, polyethylene naphthalate and a sensor for health monitoring.

How the smartwatch will work?

The use of artificial intelligence (AI) has been found to be effective in diagnosing the symptoms of various diseases. To this end, this smartwatch would be used in detecting heart diseases, movement disorders, and even early signs of COVID-19. For it to function effectively, medical watches would be used by AI-hospital assistants. These assistants will be designed to help with patient monitoring, appointment scheduling, and medication management tasks. They can educate patients and answer common questions, freeing healthcare providers to focus on more complex tasks.

The smartwatches will also empower numerous patients to actively engage in self-care and advocate for the health of others. This will work through mobile decision support tools, for example, use of simple graphics to communicate calculated results in a way that is relevant and easily understandable to the users.

Conclusion

Like other inventions, smartwatches will increase the speed of medical diagnosis. It will assist to reduce the cost of medical care since individuals could use it to diagnose themselves. Smartwatch will no doubt be a valuable addition to the advancement of medical sciences.