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| **ANGELWINGS COMPREHENSIVE COLLEGE, MAROKO, PW, KUBWA, ABUJA** | |
| **THIRD TERM MIDTERM EXAMINATION 2024/2025 ACADEMIC SESSION** | |
| **SUBJECT: Basic Science and Technology** | **CLASS: YEAR TWO** |

1. A device that makes work faster and easier is called a \_ (a) tool (b) machine (c) gadget

2. Which of the following is an example of a simple machine (a) computer (b) spoon (c) car

3. A bottle opener is an example of a simple \_ (a) tool (b) machine (c) device

4. Broom, hammer, and cutlass are all examples of \_ machines (a) complex (b) simple (c) electronic

5. One advantage of using a simple machine is that it makes work \_ (a) difficult (b) slow (c) fast

6. Simple machines help to save \_ (a) money (b) time (c) effort

7. Using a simple machine helps to save \_ (a) space (b) energy (c) food

8. Simple machines enable us to do \_ work (a) less (b) more (c) zero

9. When using a knife, one should always use it \_ (a) carelessly (b) carefully (c) quickly

10. To give a pair of scissors to someone, you should do it \_ (a) carelessly (b) quickly (c) carefully

11. Scissors are typically made from metal and \_ (a) wood (b) plastic (c) rubber

12. A broom is commonly made from \_ (a) steel (b) raffia (c) plastic

13. A catapult is made from wood and \_ (a) metal (b) plastic (c) rubber

14. The ability to do work is known as \_ (a) power (b) energy (c) strength

15. We need energy to perform daily activities like washing clothes and \_ (a) sleeping (b) running (c) cooking

16. Which of these items uses energy (a) rock (b) stove (c) cloud

17. A television is an example of something that uses \_ (a) water (b) energy (c) sound

18. Energy is used for lifting \_ objects (a) light (b) heavy (c) small

19. Fetching water from a well uses \_ (a) gravity (b) energy (c) pressure

20. A fridge uses energy to keep food \_ (a) warm (b) cold (c) fresh

Section B

1. State the meaning of energy.\_\_\_\_\_\_\_\_\_

2. Name four items that make use of energy.\_\_\_\_\_\_\_\_\_

3. Name three materials used for making simple machines.\_\_\_\_\_\_\_\_\_

4. List two examples of simple machines mentioned in the text.\_\_\_\_\_\_\_\_\_

5. What is one important safety rule when using a knife?\_\_\_\_\_\_\_\_\_

Section C

1. Discuss the primary advantages of utilizing simple machines in daily tasks.

2. Explain the importance of safe handling practices when operating simple machines, providing examples from the text.

3. Describe how different materials contribute to the functionality of various simple machines, citing examples.

4. Define energy and elaborate on its fundamental role in human activities, referencing examples from the provided text.

5. Identify and categorize common household items that consume energy, explaining their basic function in relation to energy use.