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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 machine is a device that makes work \_ and easier (a) slower (b) faster (c) harder (d) complicated

2. Which of the following is an example of a simple machine? (a) Car (b) Spoon (c) Computer (d) Television

3. A bottle opener is an example of a \_ machine (a) complex (b) simple (c) electronic (d) digital

4. A hammer is used to drive nails, making it a \_ machine (a) difficult (b) complicated (c) simple (d) advanced

5. Which of these is not listed as a simple machine? (a) Cutlass (b) Bicycle (c) Pliers (d) Wheel barrow

6. Simple machines help to make work \_ (a) slower (b) harder (c) easier (d) longer

7. One advantage of using simple machines is that they save \_ (a) money (b) time (c) space (d) materials

8. Using simple machines helps us to conserve \_ (a) resources (b) energy (c) tools (d) effort

9. Simple machines allow us to do \_ work (a) less (b) more (c) difficult (d) repetitive

10. Which of these is an advantage of simple machines? (a) They increase cost (b) They make work complicated (c) They save energy (d) They require more effort

11. When using a knife, you should use it \_ (a) carelessly (b) roughly (c) carefully (d) quickly

12. How should you hold a knife? (a) Any way you like (b) The correct way (c) With a loose grip (d) Pointing at others

13. When handing someone a pair of scissors, you should do so \_ (a) quickly (b) carelessly (c) carefully (d) with the blades open

14. It is important to avoid using a knife \_ (a) carefully (b) correctly (c) carelessly (d) for its intended purpose

15. Simple machines can be made from materials like steel, wood, and \_ (a) paper (b) glass (c) plastic (d) fabric

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

17. What material is a broom typically made from? (a) Metal (b) Plastic (c) Raffia (d) Wood

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

19. Energy is defined as the ability to do \_ (a) nothing (b) work (c) rest (d) play

20. Which of the following items uses energy? (a) Stone (b) Water (c) Stove (d) Air

Section B

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

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

3. List three examples of simple machines\_\_\_\_\_\_\_\_\_

4. State two advantages of using simple machines\_\_\_\_\_\_\_\_\_

5. How should you give a pair of scissors to someone\_\_\_\_\_\_\_\_\_

Section C

1. Define a simple machine and provide an example from your daily life.

2. Discuss the main benefits of utilizing simple machines in various tasks.

3. Explain the importance of safe handling practices when using simple machines, using examples from the text.

4. Describe the variety of materials used in the construction of simple machines and give examples of machines made from specific materials.

5. Elaborate on the concept of energy and list various household items that depend on energy for their operation.

Questions