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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 THREE** |

1. For survival, plants require which of the following (a) Water, sunlight, and toys (b) Water, sunlight, and air (c) Toys, books, and pencils

2. Plants are classified as living organisms because (a) they can move (b) they are capable of growth and food production (c) they possess vibrant colors

3. The primary role of a plant's leaves is to (a) absorb water (b) synthesize food via photosynthesis (c) generate flowers

4. Which of these exemplifies developed technology (a) Employing stones for felling trees (b) Utilizing a smartphone for communication (c) Relying on animals for transport

5. An instance of underdeveloped technology would be (a) calculating with a computer (b) writing letters with a typewriter (c) tilling soil using a manual plow

6. Light energy serves various purposes, including (a) exclusively heating objects (b) exclusively cooling objects (c) enabling sight, plant growth, and electricity generation

7. The necessity of sunlight for plants is primarily due to its role in (a) food production via photosynthesis (b) water absorption (c) root development

8. The plant component responsible for absorbing water and minerals from the soil is the (a) Stem (b) Leaves (c) Roots (d) Flowers

9. During the process of photosynthesis, plants emit \_ into the atmosphere (a) Carbon dioxide (b) Oxygen (c) Water vapor

10. A plant capable of thriving in arid conditions with minimal or no water for extended durations is a (a) Mango (b) Neem (c) Cactus

11. The green pigment within plants that facilitates photosynthesis is called (a) Chlorine (b) Chlorophyll (c) Oxygen

12. Plants require air for (a) respiration (b) food synthesis (c) root growth

13. An example of an organism that does not produce its own food is a (a) Mushroom (b) Mango (c) Wheat

14. Seeds are formed in which part of a plant (a) Roots (b) Stem (c) Flowers

15. The essential components plants utilize for food production include (a) Water and minerals (b) Sunlight, water, and carbon dioxide (c) Soil and fertilizers

16. An example of a climbing plant is a (a) Tree (b) Shrub (c) Grapevine

17. The purpose of veins within a leaf is to (a) absorb water and minerals (b) transport water, food, and minerals (c) release oxygen

18. Water is crucial for plants because it enables them to (a) produce food (b) grow and facilitate nutrient transport (c) release oxygen

19. Insufficient sunlight causes plants to (a) accelerate their growth (b) increase food production (c) become frail and perish

20. The primary function of a plant's roots is (a) food synthesis (b) water and mineral absorption (c) stem development