LATTER GLORY COLLEGE

**Baptist High School Area, Ogbomosho, Oyo State**

**Class:** S.S.1 **Subject:** Agricultural Sciences

***Objectives***

1. \_\_\_\_\_\_\_\_ is a container woven with raffianol/or coconut palm fronds (a) basket (b) wheel barrow (c) knife (d) water
2. Watering can is a tool made from metal or \_\_\_\_\_\_ tan fitted with a spout (a) wheel barrow (b) farm (c) plastic (d) nursery
3. A wheelbarrow is a \_\_\_\_\_\_\_ metal or wooden container with one wheel of the front and two legs as supports (a) dry (b) large (c) blackness (d) prevent
4. Budding knife is made of a short wooden or plastic \_\_\_\_\_\_\_\_\_ and a short metal blade which is sharp at one edge (a) mango (b) rubber (c) buds (d) handle
5. \_\_\_\_\_\_\_\_\_ is an instrument used in castrating some male animals (a) crushing (b) goat (c) burdizzo pliers (d) powerful
6. A pair of pliers is a small metal too with jaws which have \_\_\_\_\_\_\_ surfaces used for gripping (a) parallel-toothed (b) soil air (c) workshop (d) grease
7. Transplanting is best carried out in the \_\_\_\_\_\_\_\_ (a) morning (b) night (c) evening (d) afternoon
8. Which of the following farm practices is not mechanized? (a) weeding (b) thinning (c) nursery practices (d) fertilizer application
9. Which of the following tools is the best for making seed beds? (a) hand fork (b) spade (c) mattock (d) shovel
10. \_\_\_\_\_\_\_\_ is used for removing debris, covering vegetable seeds with soil and leveling the soil surface? (a) rake (b) shears (c) garden fork (d) sickle
11. Which of the following is used for driving a chisel? (a) screw driver (b) chisel (c) mallet (d) screw
12. Which of the following is used for castrating male animals? (a) shears (b) secateurs (c) hammer (d) burdizzo pliers
13. The following are advantages of simple farm tools except (a) being cheap to acquire (b) being easy to maintain (c) being able to eliminate drudgery (d) being easy to operate
14. A\_\_\_\_\_\_\_\_\_\_\_ is a powerful and expensive multi-purpose motor which used for lifting or pulling farm implements (a) tractor (b) harrow (c) massey (d) ford
15. The objectives of farm mechanization include the following except to (a) obtain higher farm yield (b) carry out farm operations quickly (c) improve the quality of farm crop varieties (d) eliminate drudgery
16. Mechanization is difficult to practice where the \_\_\_\_\_\_\_\_ (a) land is fragmented (b) farmer is wealthy (c) farm holding is large (d) the incidence of pest increases
17. A good drought should not have (a) a deep barrel (b) a slopy rump (c) long keg (d) strong hooves
18. Post-harvest equipment include (a) sheller and dryer (b) groundnut lifter and thresher (c) combine and forage harvester (d) sheller and combine harvester
19. Which of the following is common to both disc plough and mould board plough? (a) plough (b) land slide (c) coulter (d) beam
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22. A good drought should not have (a) a deep barrel (b) a slopy rump (c) long legs (d) strong hooves
23. Post-harvest equipment include (a) sheller and dryer (b) groundnut lifter and thresher (c) combine and forage harvester (d) sheller and combine harvester
24. Farm mechanization does not (a) involve the use of motorized equipment (b) require much capital (c) lead to unemployment (d) involve the use of only heavy machinery
25. Limitation of farm mechanization in west Africa do not include (a) land fragmentation (b) high capital investment (c) availability of spare parts (d) high level technical know-how
26. The function of the scraper on a disc plough is to (a) scrape the top soil (b) remove adhering soil from the disc (c) couple combine and forage harvesters (d) couple sheller and combine harvester
27. Which of the following activities does not clearly describe mechanization (a) using milking machines on dairy animals (b) clearing land with a cutlass (c) harvesting maize with a harvester (d) using a tractor to apply herbicides
28. Mechanization in west Africa is limited by the following except (a) size of farm holding (b) technical know-how (c) capital (d) labor
29. Which of the following is not a biotic factor affecting agricultural, production? (a) predator (b) soil (c) parasites (d) pest (e) disease
30. Agricultural use of land include (a) silviculture (b) mining (c) housing (d) transportation

***Theory***

*Answer three questions*

* 1. List ten agro-based industries and raw materials they are
  2. Mention five problems of supply of raw materials to agro-based industries
  3. Explain five ways of solving the problems of supply of raw materials to agro-based industries
  4. What is Agricultural Eology?
  5. List four non-agricultural use of land
  6. What is land?
  7. Mention six uses of land
  8. State four ways through which an agricultural land may appreciate
  9. Define Land
  10. State the two major classification of land based on uses and give two examples in each cases
  11. List six factor that influence the availability of land for agricultural production and explain two of the factors
  12. For each of specimen H, I and J, name two farm tools that can perform functions similar to those of the specimens
  13. Describe how each of specimen I and J is used
  14. Describe each of specimen H and J
  15. Enumerate four advantages of using tools for farm work