

RISHIKUL SANATAN COLLEGE

AGRICULTURAL SCIENCE PHYSICAL CAPITAL

WORKSHEET- 31st May to 04th June.

YEAR 10 – 2021

Greetings to everyone! This is your student activity/worksheet based on the Physical Capital Notes. This is just to help you understand more on the notes you have written down in your book.

Please write down the questions on your worksheet corner of your Exercise Book.

1. State some examples of primary tillage implements.
2. State some examples of secondary tillage implements.
3. Which order do you use the implements?
4. Differentiate between primary tillage and secondary tillage in terms of its uses?
5. Fill in the table

	Mould Board Plough
What are the main parts?	
Can it drawn by a tractor?	
Can it be pulled by animals?	
Does it fully or partially turn the soil?	
Does it bury weeds?	
Does it require lot of power to pull?	
Is it suited for temperate or tropical regions?	

6. State the main uses of the mouldboard plough?

7. Fill in the table given below

	Disc Plough
What are the main parts?	
Can it drawn by a tractor?	
Can it be pulled by animals?	
Does it fully or partially turn the soil?	
Does it bury weeds?	
Does it require lot of power to pull?	
Is it suited for temperate or tropical regions?	

8. State the function of the parts of Disc Plough given below:

Disc-

Beam-

Furrow wheel-

Disc scraper

9. Name the two types of harrows?

10. Identify the main 2 parts of spike harrow and its function.

11. Match the terms in List A with the correct descriptions in List B. Write the number of the description in the space provided beside the matching term.

	LIST A		LIST B
_____	Secondary Tillage	1.	Pulverize the soil and cuts plant debris
_____	Scarifier	2.	Collect trashes and break up soil
_____	Diamond harrow	3.	Cut soils and cutting up the remaining of plants
_____	Disc harrow	4.	Used in 2 nd stage of land preparation
_____	Rotovator	5.	Used for inter-row cultivation on sugarcane farms

12. State one correct usage of the seed drill.

13. Describe how the seed drill works.

14. Explain one advantage of using a seed drill.

15. Farm implements are expensive and not all farmers can purchase them. In order for farm implements to be in use for a longer period of time proper care is needed.
Discuss 5 maintenance procedure a farmer should follow in order to maintain his tools.
16. **Discuss 5 recommended storage** for implement a farmer should conduct in order to keep the implements safe and long.