AGRICULTURAL SCIENCE SCHEME
CLASS: SS2

SN	CONTENTS
1	Diseases of crop (i) Definition (ii) Selected crop diseases e.g. bacteria, virus diseases of crops Prevention/effects/ control of crop diseases
2	Selected crop diseases e.g. fungi disease of crops Prevention/ effects/ control of crop diseases.
3	Classification of farm animals e.g. types, habitat and use
4	Anatomy and physiology of farm animals (i) Parts of animal organs like heart, lungs, liver etc.
5	Anatomy and physiology of farm animals Digestive system, circulatory system, excretory system etc.
6	Animal Management (Husbandry)
7	Factors of production e.g. Land, labour, Capital, and entrepreneur

8	reproduction in Animals, poultry/ mammals (i) The role of sex hormones in animals
9	Plant nutrients and nutrient cycle. Micro and macro nutrients. Function/deficiency symptoms
10	Factors affecting availability of nutrients Nitrogen, carbon and water cycles
11	Irrigation Meaning/importance Advantages/problems of irrigation systems
12	Drainage Description of various types of drainage
13	Agricultural Pollution Cause/sources e.g. excessive use of chemicals Marine/oil soil and fish pond
14	Farm surveying and planning (i)Definition (ii)Importance

	(iii) Equipment/ Instruments used (iv) Factors to consider during land surveying and layout

15	Revision of last term's work Forest Management Meaning and important of forestry. Forest management practices e.g. regeneration, Selective exploitation, Water shed, Deforestation etc.
16	Agro-forestry continues Taungya system, tree species suitable forest reserve.
17	Pasture management practices
18	Meaning and importance of ornamental crops. Identify the uses of some ornamental crops. E.g. bedding, lawning, hedging botanical names. Methods of planting ornamental crops. Maintenance of ornamental crops
19	Pest of crops
20	Weeds (meaning, types, botanical names) Effects/ control of weeds.
21	Live stock management practices e.g. culling, dehorning, castration, restraining, branding, tattooing, chaining etc.