# AGRICULTURE

## JUNIOR SECONDARY SCHOOL (JSS 2)

### FIRST TERM

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<th>WEEKS</th>
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<td>GENERAL CLEANING AND REVISION ON PROBLEMS OF FARM MANAGER</td>
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| 2. | FARM STRUCTURES AND BUILDING  
   I. Types of Farm Structures and Uses  
   II. Maintenance of Farm Structures and Building |
| 3. | SITTING OF FARM AND LAYOUT OF FARM STRUCTURES  
   I. Factors Guiding Sitting of Farm Structures  
   II. Factors Guiding Layout of Farm Structures  
   III. Importance of Siting Farm Structures |
| 4. | CULTURAL PRACTICES  
   I. Definition of Cultural Practices  
   II. Explain Pre – Planting Operations - Harrowing, Ploughing, Ridging, etc. |
| 5. | CULTURAL PRACTICES  
   I. Define Planting Operations  
   II. State/List Various Planting Operations  
   III. Planting/Sowing –Thinning, Spacing, Depth  
   IV. Supplying Planting Distances, etc |
| 6. | CULTURAL PRACTICES  
   I. Post Planting Operation  
   II. Fertilizer Application  
   III. Explain Methods of Fertilizer Application  
   IV. Explain Methods of Harvesting Different Types of Crops  
   • Harvesting  
   • Storage |
• Processing

7. AGRICULTURAL PRACTICES
I. Definition of terms Farming Systems – Mixed Farming, etc.
II. Cropping Systems - Mono Cropping, Sole Cropping, Mixed Cropping, etc.
III. State Advantages and Disadvantages of Each System.

8. AGRICULTURAL PRACTICES
   State Advantages and Disadvantages of each of the Systems

9. FIELD WORK
I. Students are to practice all they have been taught on the field
II. Practice all the farm practice – Planting, Pre – planting and Post - Planting Operations

10. REVISION

11. – 12. EXAMINATION
# AGRICULTURE

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<td><strong>ANIMALS FEED AND FEEDING</strong></td>
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<td>I. Meaning of Feed</td>
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<td>II. Types of Feed – Energy, Protein, etc.</td>
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<td>III. Mention Feeding Tools</td>
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<td><strong>CLASSIFICATION OF LIVESTOCK</strong></td>
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<td>I. Feeds – Protein, Energy, etc</td>
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<td>II. Identify Feed Nutrients</td>
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<td><strong>FACTORS TO CONSIDER BEFORE DECIDING ANIMAL FEEDS</strong></td>
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<td>II. Physiological Status</td>
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<td>III. Purpose of Rearing</td>
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<td><strong>ANIMAL PESTS AND DISEASE CONTROL</strong></td>
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<td>I. Define Diseases</td>
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<td>II. Causes of Diseases in Farm Animal</td>
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<td>6.</td>
<td><strong>FARM ANIMAL DISEASES AND CONTROL</strong></td>
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<td>I. Bacteria - Mastitis, etc. Fungal, Ringworm, Viral Foot and Mouth Disease, Protozoan – Coccidiosis, Trypano – Somaisis - Worms</td>
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<td>II. State Mode of Transmission of Animal Diseases</td>
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<td>III. Identify Symptoms of Farm Animals Diseases</td>
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<td>IV. State the Effects of Diseases on the Farm Animals</td>
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7. FARM ANIMAL DISEASES
   I. Bacterial and Fungal Diseases
   II. Modes of Transmission
   III. Methods of Control Symptoms

8. FARM ANIMAL DISEASES
   I. Viral and Protozoan
   II. Examples of Animal Infected Mode of Transmission
   III. Symptoms and Effects Control Measures

9. FARM ANIMAL DISEASES
   I. Worms and Bloat
   II. Identify types of worms
   III. Identify Types of Animals affected by these diseases

10. REVISION

11. | 12. EXAMINATIONS
AGRICULTURE
JUNIOR SECONDARY SCHOOL (JSS 2)
THIRD TERM

WEEKS  TOPICS/CONTENTS

1.  REVISION AND GENERAL CLEANING
   I.  Disease Control
   II. Methods of Disease Control

2.  FISHERY
   I.  Definition of Fishery
   II. Importance of Fishery – Food, Protein, Income, Medicine, etc.

3.  CLASSIFICATION OF FISH
   I.  Based on habitat – fresh Water Fish, Marine Water Fish
   II. Based on morphology – Bony and Boneless fish / Cartilaginous fish

4.  ESTABLISHMENT OF FISH POND
   I.  Factors to be considered before siting Fish Pond
   II. Methods of Fishing

5.  ESTABLISHMENT OF FISH POND
   I.  Field Trip/Excursion to a nearby Fishery
   II. Explain how to establish a Fish Pond
   III. Identify Types of Fish Food

6.  FOREST AND FOREST USES
   I.  Define Forest
   II. Types of Forest - Mangrove (Swampy), Rain Forest (Many Tree) and Derive forest (few trees)
   III. State the Characteristic of Forest

7.  FOREST RESOURCES AND THEIR USES
   I.  Trees, Wild Life (Animal) and Fruits
II. Various Herb, Shelter, etc
III. State the Uses of the Forest Resources

8. EFFECTS OF FOREST ON THE ENVIRONMENT
   Explain the Effects of Forest on the Environment

9. EFFECTS OF FOREST ON THE ENVIRONMENT
   I. Human Activities that Affects the Forest
   II. Afforestation, Deforestation, Hunting, Bush burning, Over Grazing, etc.
   III. State the Advantages and Disadvantages of Each

10. REVISION

11. | 12. EXAMINATION