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| Month | Chapter | Period | Activity Topics | P.T.  (M.T) | Internal Assessment | Marks | | |
| 1ST  TERM | 2ND  TERM | 3RD  TERM |
| APRIL  MAY  JUNE /JULY  JULY  JULY / AUGUST  AUGUST  SEPTEMBER  OCTOBER  NOVEMBER  DECEMBER  JANUARY / FEBRUARY  JANUARY / FEBRUARY  FEBRUARY  MARCH | Chapter 1 Fundamental unit of life  Chapter 1 Fundamental unit of life  Chapter 1 Fundamental unit of life  Chapter 2 Tissue  Chapter 2 Tissue  Chapter 3 Improvement in food resources  Chapter 3 Improvement in food resources | 22  15  14  10  22  11  11 | Introduction of cell, definition of cell, types of Organisms on the bodies of Number of cell , cell theory, Discovery Of cell, about compounds microscope, cells and their shapes and size, Organization of cell,structure of a cell   1. Plasma membrane and transportation mechanism including osmosis and diffusion 2. Cell wall and its structure including functions differentiation between plasma membrane and cell wall 3. Nucleus - structure of nucleus, Functions, diagram of nucleus difference between prokaryotes and eukaryotes   Cytoplasm   1. Cell organelles structure of cytoplasm and its functions 2. Endoplasmic reticulum types of ER , structure and its function. 3. Ribosome and its structure and function 4. Golgi apparatus, structure and its function 5. Lysosome and its function 6. Mitochondria and its structure and function with well labelled diagram 7. Plastid and its types and structure with its function diagram and structure of chloroplast 8. Vacuoles structure and its function 9. Difference between Plant cell and Animal cell with well label diagram   Introduction, types of issues at Higher level, plant tissue introduction and its Types of Function with labelled diagram.  Revision  1St TERMINAL EXAM  Animal tissues and its structure, types and function with well labelled diagram  Revision  Mid Term Exam  Introduction of chapter, green revolution, white revolution, improvement in crops yield  Improvement in crops variety, introduction , selection, hybridization , genetic engineering , crop production , management.  Nutrient management - micronutrients, macro-nutrients, manual, vermicompost , crop protection, management, pathagen grain storage.  Cattle farming, cattle breeding, cattle keeping, cattle feeding, cattle Healthcare.  Poultry farming, fish production, bee keeping.  Revision  Annual Exam |  | Chart paper, notes , diagrammatic representation, model book work and question and answer  Lab activity:- To show the onion cell  Chart paper, model, notes, black board work , question related to book and other than book , diagrammatic representation of topics, assignment model  Flowchart, chart paper, assignment, smart class , demonstration of tropic , discussion on the cell and its structure and function  Lab activity :- To show the different types of plant tissues  Chart paper, model, flowchart , topic discussion explanation of tropic in a smart class.  Field visit, chart paper, model, smart class, assignment, demonstration of different crop in field with the help of a smart class.  Importance of Animals, chart paper work, notes, working of Honey Bee in a smart class.  Lab activity :-To identify the monocot and dicot of plants. | 20  6 | 6  6  14 | 5  5  18 |

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| Portion for Monday test :-  M.T. : -01 (20/05/2024) Portions :-CH-1.  M.T. :- 02 ( 22/07/2024) Portions :- ch- 1  M.T. :- 03 ( 09/9/2024) Portions :- ch- 2  M.T. :- 04 ( 25/11/2024) Portions :- ch- 2  M.T. :- 05 ( 23/12/2024) Portions :- ch – 3 | | Portion for Unit test :-  Portions of UT – 01 [ ] Chapter - 1 ( Fundamental unit of life )  Portions of UT – 02 [ ] Chapter - 1 ( Fundamental unit of life )  Portions of UT – 03 [ ] Chapter - 2 ( Tissue )  Portions of UT – 04 [ ] Chapter - 3 ( Improvement in food resource ) | |
| Portion for terminal exm :-  1ST TERM EXM : CH -1 AND CH – 2 ( Plant tissue)  Chapter – 1 to 7 | MID TERM EXM / Pre- Board  Chapter - 2 ( Plant tissue and animal tissue ) | | Final Term / Board  Ch – 1,2,3 |