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| Month | Chapter | Period | Activity Topics | P.T.  (M.T) | Internal Assessment  C.W./H.W.,  NOTEBOOK SUBMISSION | Subject Enrichment | Marks | | |
| 1ST  TERM | 2ND  TERM | 3RD  TERM |
| APRIL/MAY  JUNE  JULY  AUGUST  SEPTEMBER  OCTOBER / NOVEMBER  DECEMBER  JANUARY  FEBRUARY  MARCH | Chapter 6 : Life process  Practical : 01  Chapter 07 : Control and coordination  Practical : 02  Chapter 08 : How do organism reproduce ?  Chapter 09 : Heredity and evolution  Practical : 03  Chapter 15 :Our environment  Practical : 04 |  | What are life process ? ? Nutrition : Nutrition in plants, nutrition in animals . Respiration : Respiration in plants, respiration in animals , respiration in human beings. Transportation : Transportation in plants, transportation in human being. Lymphatic system, excretion, haemodialysis.  Preparing a temporary mount of leaf peel to show stomata.  Control and coordination in plants, control and coordination in animals, control and coordination in humans. Chemical coordination in animals.  To show that carbon dioxide is produced during respiration.  Asexual reproduction, sexual reproduction , sexual reproduction in flowering plants , pollination, sexual reproduction in animals , population control.  Variations : Accumulation of variations during reproduction .  Rules for the inheritance of traits –Mendel’s contribution, monohybrid cross / monohybrid inheritance , dihybrid cross / dihybrid inheritance  To study the binary fission in amoeba or paramaceium , budding (in yeast ) with the help of prepared slides.  First term examination  Ecosystem, components of an ecosystem, function of ecosystem, major ecosystem of the world.  Food chain, food web, trophic level, effect of men's activities on the ecosystem, biological magnification , Ozone layer and how it is getting depleted .  To identify different parts of an embryo of a dicot seed ( pea, gram or red kidney, bean )  Revision  Mock test  Mock test, Revision  Board exam | 23/04/ 2024  26/08/ 2024  11/11/ 2024 | Oral test and lab activities work related to study and describe stomata.  Neat and clean copy  Quiz competition  Neat and clean copy Homework & class work complete  Project demonstration  Neat and clean copy , Homework & class work complete  Food chain and food Web model demonstration | Activity : To show that sunlight is necessary for photosynthesis.  Activity : To demonstrate geotropism and phototropism.  Activity: To show that carbon dioxide is produced during respiration.  Activity: Grow adventitious bud in a bryophyllum leaf.  Activity: Make an assignment on sickle cell anaemia  Activity : Projects on biodegradable objects that we use in daily life. | 10  5  10  5 | 6  6  6  6 | 6  6  6  6 |

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| Portion for Monday test :-  M.T. : -01 (29/04/2024) Portions :- Chapter 6 : Life process  M.T. :- 02 ( 26/08/2024) Portions :- Chapter 07 : Control and coordination , Chapter 08 : How do organism reproduce ?  M.T. :- 03 ( 11/11/2024)  Portions :- Chapter 09 : Heredity and evolution, Chapter 15 :Our environment | Portion for Unit test :-  Portions of UT – 01 [ ] Chapter 6 : Life process  Portions of UT – 02 [ ] Chapter 07 : Control and coordination  Portions of UT – 03 [ ] Chapter 08 : How do organism reproduce ?  Portions of UT – 04 [ ] Chapter 09 : Heredity and evolution, Chapter 15 :Our environment |
| Portion for terminal exm :- 1ST TERM EXM :  Chapter -6,7,8 | MID TERM EXM / Pre- Board Chapter -11,12 |