

Subject	UT-1	Half-Yearly Exam		UT-2	Annual Exam	
			Project			Project
<b>Biology</b>	Ch - 1 Organization in Living Things: *Definition of tissue *Classification of plant tissues-meristematic, simple permanent, complex permanent *Animal Tissue- epithelial, connective, muscular, nerve	Ch - 1 Organization in Living Things: *Definition of tissue *Classification of plant tissues-meristematic, simple permanent, complex permanent *Animal Tissue- epithelial, connective, muscular, nerve	Prepare a Power Point presentation on different uses and harms of bacteria and fungi related to our daily life.	Ch - 3: Kingdom Classification II *Vertebrates *Invertebrates: 9 major Phyla ,Porifera, Cnidaria, coelenterata, Platyhelminthes, Nematoda, Annelida ,Arthropoda, Mollusca,Echinodermata *Classification of Vertebrates:5 classes, Pisces, Amphibia Reptilia ,Aves, Mammalia	Ch - 3: Kingdom Classification II *Vertebrates *Invertebrates: 9 major Phyla ,Porifera, Cnidaria, coelenterata, Platyhelminthes, Nematoda, Annelida ,Arthropoda, Mollusca,Echinodermata *Classification of Vertebrates:5 classes, Pisces, Amphibia Reptilia ,Aves, Mammalia	Collect information on human nervous system including brain, spinal cord and neurons. Find out more about the nervous system of other animals using different sources such as internet. Make a Power Point presentation on it and present it in class.
	Ch - 4 Plant Life: *Photosynthesis *Definition, basic process, factors affecting Photosynthesis, significance of photosynthesis, set-up *Experiment to demonstrate photosynthesis process *Respiration *Basic process, word equation, respiration as a process which releases energy, respiration in plants:two types(aerobic and anaerobic: basic concept ,word equations for both , examples) *Respiration and photosynthesis in plants, difference in both processes	Ch - 2 Kingdom Classification 1 *Classification and its need *Advantages of Classification *Characteristics of each kingdom with suitable examples *Monera:Bacteria-shape;useful Bacteria and harmful Bacteria *Protista:Amoeba-basic structure and life processes (nutrition, locomotion, respiration, excretion and reproduction by binary and multiple fission)		Ch – 6:The Nervous System *Main parts of the nervous system: brain ,spinal cord, and nerves *Brain and its parts *Spinal cord: location and function *Nerves: general function	Ch – 6:The Nervous System *Main parts of the nervous system: brain ,spinal cord, and nerves *Brain and its parts *Spinal cord: location and function *Nerves: general function	

		<p>Ch - 4 Plant Life:</p> <ul style="list-style-type: none"> <li>*Photosynthesis</li> <li>*Definition, basic process, factors affecting Photosynthesis, significance of photosynthesis, set-up</li> <li>*Experiment to demonstrate photosynthesis process</li> <li>*Respiration</li> <li>*Basic process, word equation, respiration as a process which releases energy, respiration in plants:two types(aerobic and anaerobic: basic concept ,word equations for both , examples)</li> <li>*Respiration and photosynthesis in plants, difference in both processes</li> </ul>			<p>Ch – 7: Allergy</p> <ul style="list-style-type: none"> <li>*Concept of allergy</li> <li>*Allergens</li> <li>*Entry routes of allergens</li> <li>*Symptoms of allergic reaction</li> <li>*Types of allergies</li> <li>*Precautions and care to be taken by a person who is prone to allergies.</li> </ul>	
		<p>Ch - 5 Excretory System</p> <ul style="list-style-type: none"> <li>*Excretion:Definition</li> <li>*Organs and their excretory products (kidneys,sweat glands,lungs)</li> <li>*Excretory system in humans- Kidneys, ureter, urinary bladder ,urethra(location and functions to be explained along with diagram)</li> <li>*Role of kidneys in filtration of blood through millions of nephrons; common disorders of the urinary system :Urinary Tract Infection, kidney stone</li> </ul>				