GURU GOBIND SINGH PUBLIC SCHOOL GURU GOBIND SINGH PUBLIC SCHOOL

Guru Gobind Singh Public School,Dhanbad

Std – IX , Session : 2018-19

Subject-Biology

Month	Week	Period	Unit	Sub-Unit	Test/SEA/Project	Outdoor/Practical/Lab
April	4-7	2	V	Ch-15,Improvements in crop yields		
	9-12	4	v	Ch-15,Plant breeding		
	16-21	4	v	Ch-15,Selection of quality improvement management		
	23-30	4	v	Ch-15,Fertiliser and manure, Irrigation	Class Test	
MAY	1-5	4	v	Ch-15,Protection from pest and diseases (cont.)	Pro-Visit an agricultural shop in your area and collect information on the availability of different varieties of food grains	
	7-12	4	v	Ch-15, protection from pest and diseases (complete)		
	14-18	4	v	Ch.--15, Animal husbandry (intro.)	Class test	
	7.5-9.6			**Summer vacation**		
JUNE	11-15	4	v	Ch-15,Animal husbandry- cattle farming		
	18-23	4	v	Ch-15,Poultry farming		
	25-30	4	v	Ch-15,Apiculture	Class test	
				Periodic Test-1		
JULY	2-7	4	II	Ch-5,Cell-Prokaryotic		
	9-13	4	II	Ch-5,Eukaryotic cell		
	16-21	4	II	Ch-5,Multicellular organisms		
	23-28	4	II	Ch-5,Cell membrane		
	30-31	1	II	Ch-5,Cell wall	Class test	Preparation of stained temporary mounts of onion peel
AUG	1-4	2	II	Ch-5,Chromosome structure		
	6-10	4	II	Ch-5,Nucleus,Chloroplast		
	13-18	4	II	Ch-5,Mitochondria,Vacuoles		
	20-25	4	II	Ch-5,ER,Goigi apparatus	Class test	Preparation of stained temporary mounts of human cheek cell
	27-1/9	4	II	Ch-6,Introduction of tissue,Meristematic and Permanent tissue		
SEP.	4-7	2	II	Ch-6,Animal tissue-Epithelial and connective		
	10-15	4	II	Ch-6,Muscular and Nervous tissue	Class test	

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	18-29		**Mid Term**			
OCT.	1-6	4	II	Ch-7,Basic issue in naming,basis,hierarchy		
	8-12	4	II	Ch-7,Thallophyta,Bryophyta,Pteridophyta	Pro-Select any 5 communicable and non-communicable diseases and write about them	
	15-20		**Puja Vacation**			
	22-27	4	II	Ch-7,Gymnosperm		Study of characteristics of specimen from plant
	29-31	2	II	Ch-7,Angiosperm	Class test	
NOV	1-4	2	II	Ch-7,Porifera, Cnidaria		
	6-15		**Diwali to Chatt**			
	16-17	1	II	Ch-7,Nematoda		
	19-24	4	II	Ch-7 ,Study of phylum features of rest of the phylum		
	26-01/12	4	II	Ch7 ,Features of Protochordata and Chordata	Class test	Study of characteristics of specimen from animal
DEC	07-Mar	4	II	Ch-13,Infectious and non-infectious disease		
	10-15	4	II	Ch-13, Disease caused by microbe		
	17-22	4	II	Ch-13, Principles of treatment and prevention	Class test	
	25-3/01				**winter vacation**	
					Periodic Test-3	
JAN	(4-5)	2	IV	Ch-14,Physical resources-air		
	7-12	4	IV	Ch-14,Water		
	15-19	4	IV	Ch-14,, Soil		
	21-25	4	IV	Ch-14 ,Biogeochemical cycle - oxygen		
	28-31	3	IV	Ch-14, water, nitrogen, carbon cycle	class test	
FEB	1-2	1	Revision			
	4-9	4	Revision			
	11-16	4	Revision			
					Final Exam	

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