THE NEW INDIAN SCHOOL,U.A.Q

SYLLABUS BREAK-UP (2017-2018) sub...Physics..... Gr.....10th .....

Subject Enrichment Programs : Assignments, photographs, videos, Narrative records, Peer Assessment, Observation, Research Work, Portfolios, Projects, Quizzes, Rating Scale, Paintings, Artistic Endeavour, etc.

Month	*Week*	*Chapter/ Portion*	*On-going Evaluation (CT,Msem, Sem)*				
			Class Test	*Mid Term*	*Term*	*Note Book Inspection*	*Subject Enrichment*
APRIL	*2*	***1.*** *Wave Motion,Types of waves, Wave , wavelength ,Speed*					
	3	*Multiple reflection,reverberation,echo speed of sound*					
	4	*Forced Vibration resonanceAdvance or impacts of seismic waves*					
MAY	*1*	***2.*** *Effects of Electric Current Electrical Devices, Energy convesions*		*20*			
	2	*Joules Law, structure and working of heating Applicances,*	*CT*			*NBI*	***Assignment:*** *Explore the effects of wave motions in our daily life*
	3	*Features of Heating Coils,Fuse Wire and Electrical Circuts,Working of incadecent Lamps*			*40*		
	4	*Tungusten ,Filement Lamps,Discharge Lamps,Flurosecent Lamps,Equation related to Electric power*					
	5	***3.*** *Electromagnetic Induction Electromagnetic Induction with experiment's, Induced EMF*					
JUNE	*1*	*Working of an AC Generator;Structure and working of Single Phase and 3 Phase ,Working of a MicroPhone*					
	2	*Principle and Working of a Transsformer,Self induction and the instances of its Usage*				*NBI*	
	3&4	***FIRST TERM EXAMINATION***	***CE 10+ TE 40=50***				
SEP	*2*	***4*** *. Power Trasmission and Distribution Different types of power stationsTransmitting Electricity,*					
	3	*Star connection, Utilized power Distribution,Features of Parallel Connection ,Earthing*					
	4	*3-Pin Plug,First Aid and for Electric Shock*		*20*		*NBI*	
OCT	*1*	***5.*** *Heat,Kinetic Energy , Difference of heat andTemprature,Thermometre and Units*					***Project:*** *Global warming(definition,reasons,remedies)*
	2	*Latent Heat ,Concept of Evaporation, Cooling ,Global Warming*	*CT*		*40*		
	3	*6. Colour of light ,persistence of vision,primary secondary colour,*					
	4	*Complementary colourstransparent and opaque objects*					
	5	***7.*** *Electronics and modern technology,Resistors,semiconductorDiode,Wave rectification,Transistors*					
Nov	*1*	*HD transmission,Nanotecnologyrobotics*					
	2	*Control of e -waste , Revision*				*NBI*	
	3&4	***SECOND TERM EXAMINATION***	***CE 10+ TE 40=50***				
	5	***8.*** *Energy management ,Fuels,fossilfuels,Fuel effeciency,Hydrogen fuel cell,Biomass*					
Dec	*1*	*Windmills,Renewable sources of energy*					***Seminar*** *: Contribution of Faraday and his hard work behind it*
	2	*Electric energy from solar energy,Nuclear energy,*				*NBI*	
Jan		*Revision & Unit Tess*	*CT*				
Feb		***MODEL EXAMINATION***					
March		***BOARD EXAMINATION***	***CE 10+ TE 40=50***				