

CLASS:IX	INDIAN SCHOOL MUSCAT THIRD PERIODIC TEST MARKING SCHEME	SUBJECT: SCIENCE
	SET -C	
QP.NO.	VALUE POINTS	SPLIT UP MARKS
PHYSICS		
1.	Electrical energy into mechanical energy.	1
2.	$P = 1200 \text{ W} = 1.2 \text{ KW}$; $t = 15 \text{ hrs}$ $E = P \times t = 1.2 \times 15 = 18 \text{ KWh.}$	1+ 1
3.	When mechanical energy = 0. $KE = PE = 0$ Since $v = 0$: momentum = 0	1+1
4.	a) Work is done by a force on an object if a force acts on the object and the object is displaced from its original position. b) When the force and displacement are in the opposite direction.	1 +1
CHEMISTRY		
5.	Define law	1
6.	(i) O_2 (ii) O_3 (iii) P_4 (iv) S_8	(1/2)4
7.	(a)83u (ii) 111u	1+1
8.	$Fe_2(SO_4)_3$ $(NH_4)_2CO_3$	Formula =1/2 mark each Names =1/2 mark each
BIOLOGY		
9.	Nematode (1/2) . Example (1/2)	1
10.	Right and left side of the body has same design(1/2) Blood does not flow through blood vessels (1/2)	1
11.	Bryophyta(1) Plant body differentiated into stem like leaf like root like structures No vascular tissue (1/2 + ½) 1	2
12.	Gymnosperms – seeds are naked , woody ,perennial, ever green Angiosperms – Seeds are enclosed , flowering plant , seeds has cotyledon ,any two each (1/2) x 4	2