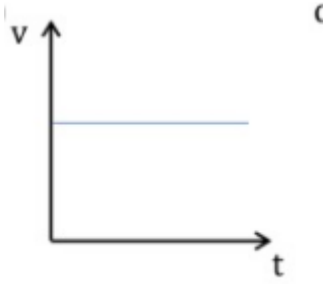
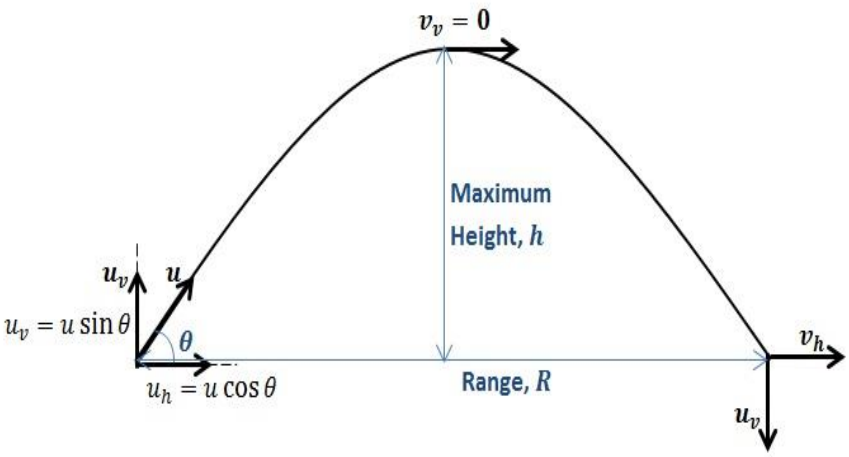
THE VILLAGE
INTERNATIONAL SCHOOL
"We Nurture Dreams"

GRADE - XI	**PHYSICS** MT 1 -MS	**Max Marks - 20** **TIME – 50 Min**

	Section A	
1	(d) $M^1L^2T^{-2}$	**1**
2	(d) 4	**1**
3	c) k/2	**1**
4	A) If both assertion and reason are true and the reason is the correct explanation of the assertion.	**1**
	Section B	
5	Using Dimensional analysis ST $M^1LT^{-2} = M^1L^{-}T^{-2}$	**2**
6		**2**

		
	Section C	
7	$H=u^2\sin^2\theta/2g$ $T=2u\sin\theta/g$ $R= u^2\sin2\theta/g$	3
	Section D	
8	 H displacement V displacement $H=u^2\sin2\theta/2g$ $T=2u\sin\theta/g$ $R= u^2\sin2\theta/g$	5

	Section E	
9	(i) a (ii) b (iii) d (iv) b	**1X4=4**