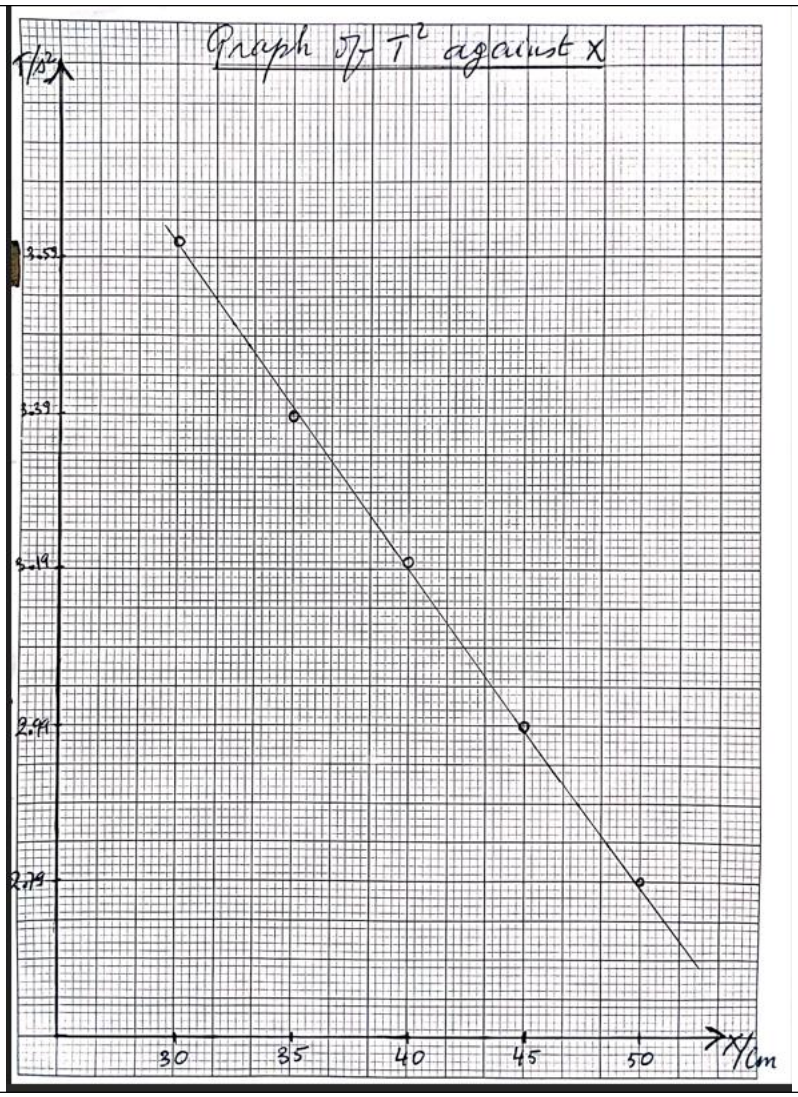
MUSANNZE DISTRICT

SECOND TERM 2023-2024

S5 PRACTICAL PHYSICS MARKING GUIDE/20Marks

Question	Answer	Marks
a.	x = 50.0 (cm)	**1.5**
b.i.	T = 1.67	**1.5**
ii	T^2 = 2.79(or 2.789 or 2.7889)	**1.5**
	T^2 given to 3 significant figures	**1.5**
iii	cm, s, s, s^2	**4**
c.	Graph: Axes correctly labeled with quantity and unit	**1.5**
	Suitable scales	**1.5**
	All the plots from their table correct to better than ½ small square	**1.5**
	Good line judgement, thin, continuous line	**1.5**

		
d	No. Not through origin	**2.5**
e	(Timing) errors less significant / have a smaller percentage uncertainty / the error is spread over 10 periods / is divided by 10	**1.5**