

Areas of Divergence and Resolutions for marking physics practical papers

SUBJECT	RESOLUTION
Table	Data should be presented in co'umn form. Related values should be next to each other. Candidates should be penalized if they are not put next to each other.
Notation for units in tables and labels	Units should be in brackets e.g. M (kg). Use of forward slash not to be accepted.
Of axes using forward slash(/)	
Number of figures to which measured values is to be recorded.	Least possible scale values on the instrument. Half or zero fraction of scale value to be accepted.(e.g. 12.40 or 12.45)
Significant figures (S.F) or Decimal Place (d.p) in calculated values.	
Conculated Values,	Zero is a significant figure when it represents the accuracy of an instrument. E.g. 9.0 cm, the zero is significant.
	Division and multiplication with another measured value- S.F. of the value with least number of S.F is to be used.
	Addition & subtraction of decimals. The d.p of the least accurate value is to be used.

Log & trigonometric ratios	To be recorded to three decimal place.
S.F. was determined by first	Largest value in the column to determine S.F. of the processed values.
entry value in the column	
Graphs	
S. O.	th# i= ctating
Title	The use of "against," "Vs", "verses" and "variation with" in stating
	the title of a graph should be accepted.
	No unit in title.
Axes	e egentrales s
TACS	Labels that are vertical or hor zontal are to be accepted.
Units	
	Units should be in brackets.
Plotting	The use of across(x), a dot (.) or a circle with a dot at the centre (o)
	with error limit of half a small square should be accepted. Shaded
	dots within this error margin are to be accepted too.
Scales	That spread the values to cover about half a page and that can be
	read without the use of calculators, preferably multiples and submultiples of 1, 2, and 5.
	"
Slope	atleast
3.00	Right angled triangle covering X a page on at least one of the sides
	drawn. Points must lie on the line and must be shown.
Wrong values in the table	Graphing to be awarded credit.
obtained experimentally	
Suspect values, over	To miss marks for plotted points but the rest of the work to be
rounded values for ease in	marked.
plotting, calculated or	
outright fabricated values	