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	Question Type 👢	Question J1	A 11	В ↓↑	c 11	D 11	Answer 11	Remark
	FBQ	In an experiment, the function $y=-ax^2+bx+c$, where a, b and c are constant, was plotted with y on the vertical axis and x on the horizontal axis. At maximum point on the graph, the tangent to the curve is to the x-axis?	parallel	parallel				еЕхат
	FBQ	The instrument usually used for measuring the internal diameter of a test-tube in the laboratory is	venier calipers	venier calipers				еЕхат
	FBQ	In the laboratory, the device usually used for measuring the diameter of a piece of wire is called	micrometer screw guage	micrometer screw guage				eExam
	FBQ	The statement "the upthrust experienced by an object that is wholly or partially immersed in a fluid is equal to the weight of the liquid displaced" is the principle	Archimedes	Archimedes				еЕхат
	FBQ	The maximum displacement of an oscillating from its equilibrium position is referred to as its	amplitude	amplitude				eExam
	FBQ	The inverse of the period of oscillation is the same as its	frequency	frequency				eExam
	FBQ	If n complete oscillations are made in t seconds, then the period T of oscillation is given as T=	t/n	t/n				eExam

FBQ	In experiments involving oscillations, the number of complete oscillations per unit time is the of the oscillation	frequency	frequency		eExam
FBQ	In general, a device used for measuring mass in the laboratory is called	balance	balance		eExam
FBQ	In practical physics it advicable to display your obsevation data in an all-inclusive table known as table	composite	composite		eExam
FBQ	Relative density of a liquid or granular substance not soluble in water can be experimentally determined using an apparatus known as relative density or bottle	specific gravity	specific gravity		eExam
FBQ	An experiment was performed to determine the corfficient of friction using the scale pan or slot-weights method. A graph of the tension T in the string connecting the block on a bench and passing over a pulley to a freely hanging pan or slot-weighs was plotted against the weight W of the block. The slope \$\$\frac{\Delta{T}}{\Delta{W}}}\$ gives the	limiting friction	coefficient of static friction		eExam
FBQ	The coefficient of friction between two surfaces is defined the ratio of the frictional force to to the surfaces	normal reaction	normal reaction		eExam
FBQ	To determine the coefficient of friction between two surfaces we can place a block of material such as wood on an and gradually increase its angle until the block just begins to slide	inclined plane	inclined plane		eExam
FBQ	In all experiments involving the method of mixtures (calorimetry), uniform temperature of the mixture is maintained by continually and gently it.	stirring	stirring		eExam
FBQ	In an experiment to determine the specfic heat of fusion of ice the calorimeter must be to prevent loss of heat to the surrounding	lagged	thermally insulated		eExam

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FBQ	In an experiment to verify Boyle's law, a student plotted P against V. His graph is a	hyperbola	hyperbola		eExam
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FBQ	The motion of a simple harmonic oscillator is such that the acceleration is in direction to the displacement from equilibrium position	opposite	opposite		eExam
FBQ	In simple harmonic motion, the restoring force F obeys 's law for small displacements from equilibrium position	Hooke	Hooke		eExam
FBQ	To obtain a suitable spread of the plotted points on the graphed paper, a suitable must be chosen for each axis of the graph	scale	scale		eExam
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FBQ	A straight line joining most of the plotted points with the rest of the plotted points on either sides of the line is called line of	bestfit	bestfit		eExam

FBQ	The slope of the tangent to a curve which is parallel to the horizontal axis of the graph is	zero	0		eExam
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FBQ	A quantity to be measured as value is independent of the process of measurement	true	true		еЕхат
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FBQ	When writing the results of an experimental observation in terms of significant digits, all non-zero digits are	significant	significant		eExam
FBQ	The resulting temperature when 1kg of ice at 0 degrees Celcius is mixed with 9kg of water at 50 degress Celcius is to the nearest whole number. The specific capacity of water is 4200J/kg/K, the specific latent heat of fusion of ice is 330 000J/kg	37degrees Celcius	37degrees Celcius		eExam
FBQ	A wooden block is at the verge of sliding freely down a wooden inclined plane when the inclination is 20degrees. The coeficient of limiting friction is to 2 decimal places	0.36	0.36		eExam
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FBQ	The simple pendulum experiment is used to determine an inaccessible height H using the relation \$T=\pi\sqrt(\frac{(H-h)}{g}))\$, where h is the height of the bob from the floor.The inaccessible height is obtainable from the graph of \$T^{2}\$ plotted against h	intercept	intercept		eExam
FBQ	The displacement s of a trolley as a funtion of time is given as \$\$s+ds=0.63\pm0.02\$\$ for \$\$t+dt=1.71pm0.10\$\$s.The error dv in the measurement of velocity v is to 2 decimal places.	0.02	0.02		eExam
FBQ	The precision index for the set of data 3.69,3.67,3.68,3.69,3.68,3.69,3.66,3.67 is to 3 decimal places	0.003	0.003		eExam
FBQ	Errors that might result in measured values which are consistently too high or too low are called errors	systematic	systematic		eExam
FBQ	The sum of the measurements 2.11m, 2.1546m and 2.125m may be rounded off as	6.39m	6.39 m		eExam
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FBQ	is the more accurate between the measurements 40.0 cm and 8.0 cm of length	40.0 cm	40.0cm		еЕхат
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