

2025 AP Calc BC Exam Predictions

FRQ #1 (Calculator) ^{same as} AB1	FRQ #2 (Calculator)	FRQ #3 (No Calculator) ^{same as} AB3
<p>TABULAR - rate of change values</p> <ul style="list-style-type: none"> • Estimate + interpret a derivative (rate of a rate) • Intermediate Value Theorem • Riemann sum to approximate an accumulation • Related rate 	<p>PARTICLE MOTION</p> <ul style="list-style-type: none"> • parametric distance traveled • Acceleration vector • speed • Final position 	<p>DIFFERENTIAL EQUATION (in context)</p> <ul style="list-style-type: none"> • tangent line approximation • Calculate $\frac{d^2y}{dx^2}$ to determine over/under estimate • Separation of variables to find particular solution
FRQ #4 (No Calculator) ^{same as} AB4	FRQ #5 (No Calculator)	FRQ #6 (No Calculator)
<p>GRAPH OF F' Questions about f</p> <ul style="list-style-type: none"> • Interval of inc/dec • Point of inflection • Abs. max/min (candidate's Test) • L'hospital's Rule 	<p>POLAR EQUATIONS</p> <ul style="list-style-type: none"> • Area between 2 polar curves • Tangent line slope • Distance between 2 curves 	<p>SERIES</p> <ul style="list-style-type: none"> • Interval of convergence (ratio test) • Alternating series error bound • Write Taylor polynomial for a product of two series