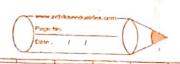
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	J:mo: 1 1	
	Problem Statement,	
	Using Simpson's Rule evaluate this equations for	
A STATE OF THE STA	the date table, with Q=403/000. apply simpsons	
	The date table, with Q=403/000. apply simpsons 3/8 rule and 1/3 rule respetively accordingly	
	· · · · · · · · · · · · · · · · · · ·	
	Criver,	
	Criver, to M = P Q cdt	+ 1
	0 = 4 m3/min	
	4 min 0 10 20 30 35 40 45 50	
	c, mg/m³ 10 35 55 52 40 37 82 34	
	1 2 3 4 5 6 7 8	fo
	for points 1 to 4, apply Simpson's 3/8 xule	
	for points 4 to 6, apply Simpson's 1/3 sule	
	be points 6 to 8, opply Simpson's 1/3 rule	
	0	
	farmula,	
/	Rule 1: 5 = Pf(x)dx = h (f(x,)+2f(x,)+f(x2))	
	Rule 3:] = Pf(x) dx = 3h [f(x0)+3f(x1)+3f(x2)+f(x3)]	
	8 100 8	
		-
	to to	2 1=
Solo	$M = \int Q c dt = Q \int c dt = Q \left(x_0 \rightarrow x_0 \right) + $	8 1
- 190	= Q [I ₁ + I ₂ + I ₃] - (I)	
	= 0 - 11 12 13 1 2	
for:	$T_1 \Rightarrow \alpha_1 \rightarrow \alpha_4 \Rightarrow 0 10 20 30 \Rightarrow \therefore h = 10$	
1000	α,	0
THE RESERVE OF THE PARTY OF THE		THE RESERVE OF THE PARTY OF THE





= 5 [37 + 4+32 + 34]

73 = 331.67

ass above eq (I)

11, 12 1 M= Q[]+ 12+ 73] = 4 + [1245 + 415 + 331.67] = 7966.68 mg