Graphic Era Hill University, Dehradun (Answer Sheet for Online Examination Jan. 2022)

Please tick (V) your campus: (DEHRADUN/BHIMTAL/HALDWANI) Name: Duponkin Obonmi. Univ.Roll No. 2092014 Student ID. 20041299				
Date: 12. Jan22 Course:				
Subject Name: CBNST Subject Code: JRC-302 Page No				
Que 4-(b) $\frac{\pi}{2}$ [$\frac{\pi}{2}$] $\frac{\pi}{2}$ $\frac{\pi}{2$				
o Join x da				$x dx$ Let $n = 6$, $h = \frac{\pi}{2} - 0 = \frac{\pi}{12}$
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71	X/12	AT	0.5087	olur lobiosogard, omay
72	2 1/12	42	0.7071	noing trapozoidal rule h [0+1 + 2(0.5087 +0.7091+0.8409+0.9306+0.9828
73	3×/12	H3	0.8409	2
24	4×/12	¥4	0.9306	= 1.1703 -> woing traposoidal rule
25	5×112	¥5	0,9828	
26	6 x/12	46	1	1/3 Jule
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2 (0.7071+0.9306)				
= 1.1873 -> maing sumpsona 1/2 rule				
Just albhou gniau				
$\frac{3h \left[0+5 (0.5087)+0.2071+6 (0.8409)+0.9306+5 (0.9828)+1\right]}{40}$				
40				
= 1.18914 -> moing Weddles Kule				
trapopoidal rule = 1.1703				
Dimpoonie 1/3 rule = 1.1873				
Weddle's rule = 1.18914				

Signature of Student







