

Solⁿ (5) ~~Both eqⁿ 1 & 2 are better in some cases~~

~~other particular case~~ 2nd equation will
for eg. certainly perform better as :-

if the function value at the end point rises very high, this will lead that 1st eqⁿ would have significant deviation from the actual result. Thus 2nd eqⁿ will have better results. Also, the value of h will be high as $n=2$ which results in high errors for eqⁿ 1 thus eqⁿ 2 because eqⁿ 2 follows open Newton Cotes formula while eqⁿ 1 follows closed Newton Cotes formula.