**Nama : afris yasin**

**SOAL**

1. (x)

Jawab.

1. 𝑎0 =

.

(-4) ) - ( –

+2

=4

dx

= x cos dx

intergal persial :∫

misal : u=-x dv=∫cos

du=dx

v=∫cos

=∫cos L

=

=(uv-∫v du)+(uv-∫vdu)

=[-x

=[dx]+[

=[(

=[

=[(coscoscos)]

=[-

=0+0 =0

bn=

=

Parsial ; du =-dx ; t=

du=sin ; dx=

=

=(uv∫v du)+(uv-∫v du)

=[-x · cos cos ]

=[ dx] + [

=[( )+ · sin ] +

[(

=[(

=[

=

⥤ f(X)=

=sin

=2+