



=) Caleulus Ansignment 03. Name: Yash (Raj Rell-no: 04k-0737

9#1,
y: x and y: Dx-1

sor
liny disk method:

y: x f [f(x)^2-g(x)^2] dx.

Bone of integration:

(du+1)(u-1)0.

so as 1/2, bil are x1-1/2 and x11

=) f(x); x x \(\frac{1}{2}\), \(\frac{1}{2}\).

Vs F/ [x2-(2x2-1)]dx

(2x2-1)2 , 4x4-4x2+1 x2-(4x4-4x2+1)





Nomer-Yosh-Raj Rull-no: 24k-0737

V= x (-4x+5x2-1) dn

5 7 -4 x + 5 x 3 - x 7

At no1

x (-4(1)5 + 5(1)3-1) - x (-4(1/2)5 + \$(1/2)3 +1)

x(-2) -x(19)





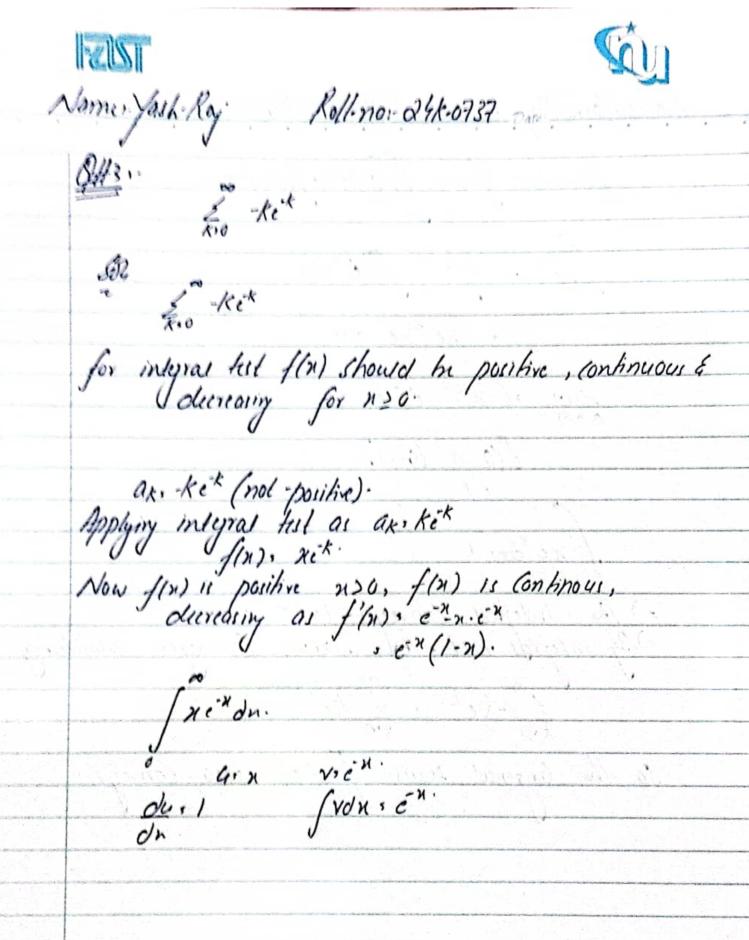
Roll-no: 24k-0737 9#2, & JK Soh I. 2 JEIL =) Drugenu fest fails . the fest is inconclusive.

as \(\frac{\script{K}}{K} \cdots \Gamma \cdots \frac{\script{hu}}{\script{k}} \)

that \(\frac{\script{k}}{\script{k}} \)

that \(\frac{\script{k}}{\script{k}} \)

eliveys







Name: -Yash-Ray Roll-no: 24k-0737. Date fa von: afvon- [[d(ui) - fvon] dn Ine", x/c-4- /1/e-40m. 5 - HEX - EX du. 1(0-0)-(0-1)] So the Original series & kit also Conveyes.