EXAM NO: 13 | INTECRATION & LPP

SECTION: A) (ONE MARKY)

ONU 1 J Y ten 2 x du (1) 7 (18) 1+2 (2) 1 (10) 1-2/4

1 Sin3 x dn A Z B 7-4 0 +4 D 4/3

01.3 - ) 1/5 JI-SIN(2X) dy (A) JZ+1 (B) 1-VZ (C) JZ-1 (D) nonighter

ONS-42 / NSINY du A) -1 B2 C) 1 D) -2

041.5 - 17 1+sinx dy A 3 B 2 C -2 6 -3

 $\frac{O^{11}-6}{5} + \int_{0}^{3} \left( \sin^{2} \frac{x}{2} - \cos^{2} \frac{x}{2} \right) d\eta \quad (-1/2) \quad (-1/2$ 

04.8 1 109xdu A 1094-1 B 192-1 @ 2192 D 2192+1

ON: 11 + 12 ecolx du (A) 21 (B) x (C) 2 (O) 0

0 1 2 1 / 10y (\frac{1}{x}-1) dy (\frac{1}{x}-1) dy

OM-13 + 12/x-3/dn (A) = (B) = (C) 1 (D) 3

04 14 109 ( 4+351mx ) dy (A) 3/4 (B) 0 (C)-1

ONI 15 + 13 (x) dn (A) 3 (B) 4 (C) 2 (D) 0 On 16 + 1 Cosx. esimaly A e-1 (3) e (5) 2e -1 SECTION: B) (Mails each) Om-17 j Siny x dy ON 18 y JAXdx = 20 Janxdx, find the value of Qm 22 + Jaly Sinx + colx dy
9 +16 sin(27) Sin(27) fenil (sinx) dy Secret tenne

On 31 
$$\Rightarrow$$
  $\int_{-2}^{4} \sqrt{\frac{1}{4}} dt_1$ 

On 30  $\Rightarrow$  Show that  $\int_{-1-(C)N}^{2} \sqrt{\frac{1}{4}} dt_2$ 

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On 36  $\int_{-1-(C)N}^{4} \sqrt{\frac{1}{4}} dt_4$ 

On 37  $\int_{-1-(C)N}^{4} \sqrt{\frac{1}{4}} dt_4$ 

On 38  $\int_{-1-(C)N}^{4} \sqrt{\frac{1}{4}} dt_4$ 

On 39  $\int_{-1-(C$ 

Z = 5x + 24  $-2x - 3y \leq -6$ 71-2y ≤2 37+24 =12 -3x +2y <3 8 x = 570