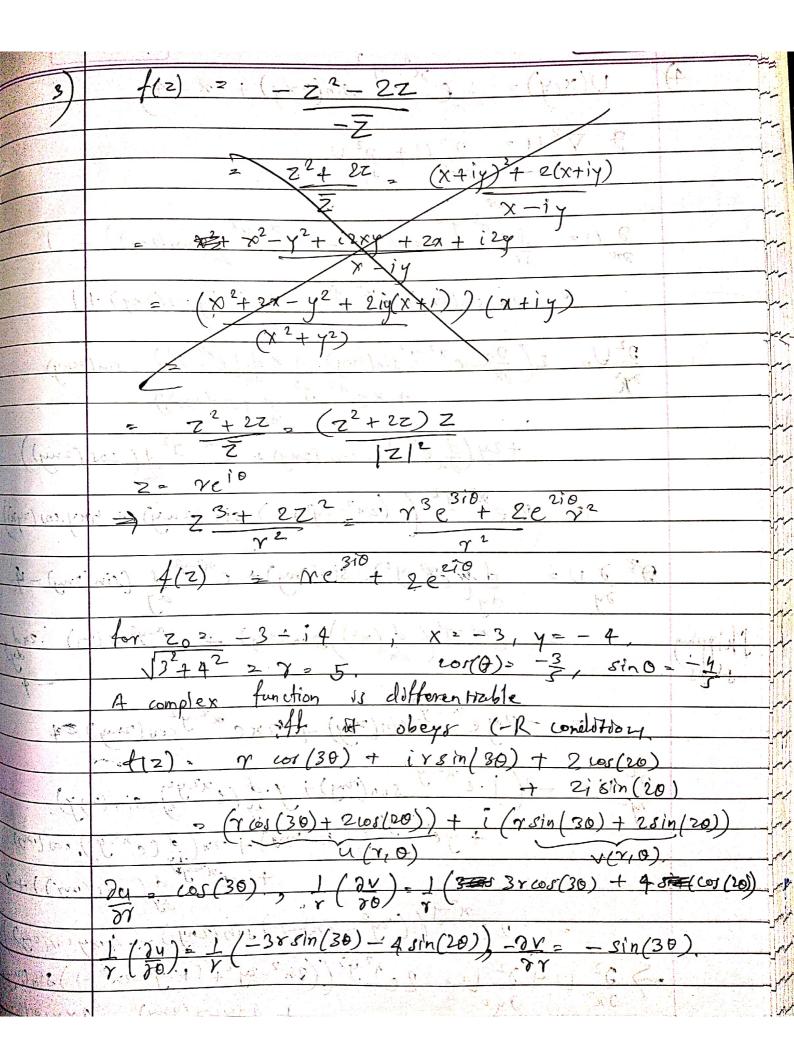
| All the second s | Adwart Noravane 19MS15) PAGENO: DATE / /  |
|--|---|
|  | Claus test in I   |
|  | I Naravane Adward Bipinehandra [19M8151)  agree not to use unfair   |
|  | means in two test Disa  |
|  | differ most of 2 - 8+ 14.   |
| - 1  | FORTHER .   |
|  | $ 2 $ = $\sqrt{64 + 16} = \sqrt{80} = 4\sqrt{5}$  |
|  | $\frac{7}{75} \cdot \left(\frac{2}{\sqrt{5}} + i \cdot \frac{1}{\sqrt{5}}\right)$   |
|  | $\cos \theta = \frac{2}{\sqrt{5}} \sin \theta = \frac{1}{\sqrt{5}}$   |
|  | $\frac{\tan(0)}{2} = \frac{1}{2} = \frac$ |
|  |   |
|  | $\frac{7/5}{5} = \left(4\sqrt{5}\right)^{\frac{1}{5}} \left(\cos\left(\frac{1}{5}+\sin^{\frac{1}{2}}\left(\frac{1}{2}\right)+\frac{2\pi}{5}\right)$   |
|  | $\frac{1}{5} \frac{3in}{5} \frac{1}{5} \frac{2\pi n}{5}$  |
|  | > & There are 5 rests of 7 - 8+it.  |
|  | which one where where   |
|  | (4/s) /5 (105 (0+2m) + isim (0+2m)) =   |
|  | (AS) 15 (cos (04:4mg) + 17m (04 mg))  |
|  | (4)5) 15 ( 00 (0+87) + 19n (0+87)   |

| 2        | $f(z) = -2z^2 - z$   |  |
|----------|--|--|
|          | <u>-7</u>  |  |
|          | find f(z) is zontinuous at Z=Zo=1+is                         |  |
|          | the second too began in the second                           |  |
|          | $f(z) = -2z^2 - z = 2z + 1$                                  |  |
|          | $-z$ for $z \neq 0$ .  |  |
|          |  |  |
|          | $f(z_0) = \frac{1}{2} (2z^2 + z + 2z + 1) = 2(-(+i)) + 1$    |  |
|          | Z ====================================                       |  |
|          | EV 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -                       |  |
|          | lim f(z) = 2(x+iy)+1   |  |
|          | $z \rightarrow z_0$ = $(2x+1) + i(2y)$                       |  |
|          | lim f(z) = -1 + lim(izy) = -1+ 10i                           |  |
|          | X=-1<br>y-15   |  |
|          | $\lim_{y=5} f(z)^2 \lim_{x\to -1} (2x+1) + i = 10$           |  |
| 1 / B. N |  |  |
|          | - (2+1)+ 10i = -1+10i  |  |
|          | 1/11/1 1 10 1 10 10 10 10 10 10 10 10 10 10 1                |  |
|          | I lim f(z) = lim f(z) = f(zo)                                |  |
|          | X= X0 (115: 7= Y2.1-1) 10: 12(3) 4) = 3 2                    |  |
|          | 1-1. x-1 x0 ; f(2) is continuous at                          |  |
| 11/1     | we all though in the 1 1 15 1 15 1 15 15 15 15 15 15 15 15 1 |  |
| 11       |  |  |



$$\frac{1}{3} = \frac{1}{3} + \frac{4}{10} + \frac{1}{3} = \frac{3}{10} = \frac{1}{10} = \frac$$

