```
Sechan 2.2
 EXIO
 11m 3 3 1x3 + 20 1x
       1(x) = 3/x g(x) = 3/x3 + 20/x
   lim f(s(x))
         11m 5(4) . 3. lim 1x3 + 20. lim 1x
                                                                                                                                                                                           3 = Jim X = 14 - 2
                                                                                         MCK) = TX
                                                                                          hickl= X3
                                                                            hm hz(x) = 43

20 hm h, (hz(x)) = h, (hm hz(x)) = 143

him h, (x) = 143

x>4
                                                                  = 3/43 + 20.2 = 64
          11m f(x) = 3/64 = 4
   => 11m f(g(x)) = f(limg(x)) = 4
EX 13 JCXI: JX
         1'(x): 11m 1x+12 - 1x
                     : 11m xth -x = 1m 1xth +1x = 1x
   57.2 lim \frac{1}{2} \frac{1
```

0-3x

EX 15 Jum 3 1 = 0

1,1x, -01< E => 1X1< E3

1x-01 < 3 - 8 => 11-(x) -01 < E => 1m '1x -0

5.23