Nugraha Adhitama XI mIPA 3

```
: 4=5
1.) DIK: 4=23-327+520-10
                          Jawab "
                           y'-37e7-62e +52 -...(1)
  DIE: P657
                           y - 703 7 - 347 + 52 - 10
                           5: 23-322+52e-10
    y'=3(3) -6(3) +5
                            0: 213-32 +521 -15
     - 27-10+5
                            0 = (2 - 3)(21+5)
m=y'=14
                                le = 3 - 2 mas UKKON Ke persomoun (1)
     PBS: y-y= m(2-201)
           4-5:14(21-3)
              4 - 1420 - 37
```

2.)
$$m = y' = 22 + 10$$
 $y = 2^{2} + 102 + 7$ $y = 10 + 10$ $y = 1$

$$f'(2) = 2e^2 - 32e - 4$$

 $(2e - 4)(2e + 1)$
 $2e - 4$ $2e = -1$

- .) fungsinail ->202-1 abou 20 > 4
- · > Fungs/ turun = > -1 (264

4.)
$$f(u) = 7u^{2} - 9u^{2} + 12u$$

 $f'(u) = 6u^{2} - 18u + 12$
 $= u^{2} - 3u + 2$
 $= (u - 1)(u - 2)$
 $= (u - 1)(u - 2)$

5.)
$$f(u) = 0u^3 + bu^2$$
 $f(u) = 0u^3 + bu^2$ $g' = 3u^2 + 2b^2$ $g' = 3u^2 + 2b^2$

$$y' = 302e^{2} + 2b^{2}e$$
 $y' = 30(1)^{2} + 7b(1)$
 $0 = 30 + 7b$
 $-2b = 30$
 $0 = -2b$

$$-1 = -\frac{2b}{3} + b$$

$$-3 = -\frac{7b}{3} + 3b$$