

No

Date

TBAB 9

Nama : Muhammad faisal Rafi

Kelas : IF-A

NIM : 123250021

$$⑦ \ln^{15}(x^3 + 4x) \quad y' = 15(\ln(x^3 + 4x))^{14}$$

$$= \frac{15(3x^2 + 4) \ln^{14}(x^3 + 4x)}{x^3 + 4x}$$

$$⑧ y = ~~e^{\csc(x^2 - 6x^3)}~~ e^{\csc(x^2 - 6x^3)}$$

$$y' = -(2x - 18x^2) \cdot e^{\csc(x^2 - 6x^3)} \cdot \operatorname{cosec}(x^2 - 6x^3) \cdot \cot(x^2 - 6x^3)$$