

## Assignment On

Course Name : Differential Calculus & Coordinate Geometry

Course code : MAT-115

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Answedte the question NO:2  

$$f(x) = x^{3} + 5x^{1}$$

$$\frac{d}{dx} [f(x)] = \frac{d}{dx} (x^{3} + 5x^{3})$$

$$= 3x^{3} + 5 \cdot 2x$$

$$= 3x^{3} + 10x \text{ Ans.}$$

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Answer to the question No-3

= 27 202 + 6 lmx + x lm 2+ C Ans:

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