

**JEE MAIN LIMITS AND DERIVATIVES — DERIVATIVES OF POLYNOMIAL
AND TRIGONOMETRIC FUNCTIONS — PYQS**

Max. Marks: 4

Questions: 1

Section A (MCQ) — 1 question

Q.1 Let $f(x) = x^3 + x^2f'(1) + 2xf''(2) + f'''(3)$, $x \in \mathbb{R}$. Then the value of $f(5)$ is :

[JEE Main 2026 (Online) 21st January Evening Shift]

- (1) $\frac{657}{5}$ (2) $\frac{117}{5}$ (3) $\frac{2}{5}$ (4) $\frac{62}{5}$

Scan or tap for the
full solution**ANSWER KEY**

Ques.	1										
Ans.	2										