

Question 5 Continuation)

(ii) $x^2 + 2 + \log$

Submit 3:45 pm

$$x^2 + 2 = 3$$

$$(x+3) = 2 \log(x+1)$$

(iii)

Question Six

Integrate

(i) $\int x^4 + 3x^2 - 3x + 1 dx$

$$x^4 - 6x^2 = 3$$

$$3x^2 - 3x + 1 dx$$

$$3x + 1 dx$$

$$3 + 1 = dx$$

(ii) $\int (x-1)(x-3) dx$

$$1x - x^3 + dx$$

$$= 1x + dx$$