Evaluating Polynomial Functions

A) Evaluate each function at the specified value.

1) $f(x) = x(-9x^2 + 3); x = -2$

2) $f(x) = x^6 - 2x^2 + 14; x = 0$

3)

B)

1)

3) If $f(x) = 6x^5 + 4x^4 - x^3 + 4$, what is $f(2)$?

4) If $f(x) = x^5 - 6x^4 + 1$, what is $f(5)$?

C) What is the value of $f(6)$ if $f(x) = -3x^3$?

i)   −468

ii)   648

iii)   468

iv)   −648