Answer on Question #67856 – Math – Calculus

Question

Given the scalar defined by Ø(x,y,z) = 3x^2z - xy^2 + 5. find Ø at the points(-1,-2,-3)
(a)12 (b)19 (c)19 (d)5

Solution

$\emptyset(-1, -2, -3) = 3(-1)^2(-3) - (-1)(-2)^2 + 5 = -9 + 4 + 5 = 0.$