**(b)**.

K: 100

sig: 0.1

r: 0.1

S: 110

b: 0.02

S = 110, C = 18.5035, P = 3.03106

S = 110, C = 18.5035

S = 110, P = 3.03106

**(c).**

S = 10, C = 0.00826235, P = 9.03489e+06

S = 11, C = 0.011227, P = 4.99557e+06

S = 12, C = 0.0148535, P = 2.9084e+06

S = 13, C = 0.0192158, P = 1.76823e+06

S = 14, C = 0.0243891, P = 1.11544e+06

S = 15, C = 0.03045, P = 726383

S = 16, C = 0.0374762, P = 486308

S = 17, C = 0.0455465, P = 333599

S = 18, C = 0.054741, P = 233828

S = 19, C = 0.0651405, P = 167076

S = 20, C = 0.076827, P = 121457

S = 21, C = 0.0898835, P = 89678.6

S = 22, C = 0.104394, P = 67156

S = 23, C = 0.120442, P = 50940.7

S = 24, C = 0.138115, P = 39097.9

S = 25, C = 0.157497, P = 30334.3

S = 26, C = 0.178677, P = 23770.5

S = 27, C = 0.201742, P = 18799.2

S = 28, C = 0.226781, P = 14995

S = 29, C = 0.253883, P = 12055.9

S = 30, C = 0.283138, P = 9764.83

S = 31, C = 0.314637, P = 7964.02

S = 32, C = 0.348471, P = 6537.48

S = 33, C = 0.384732, P = 5399.17

S = 34, C = 0.423512, P = 4484.6

S = 35, C = 0.464906, P = 3745.05

S = 36, C = 0.509007, P = 3143.37

S = 37, C = 0.555908, P = 2651.05

S = 38, C = 0.605706, P = 2246.02

S = 39, C = 0.658495, P = 1911.08

S = 40, C = 0.714373, P = 1632.76

S = 41, C = 0.773434, P = 1400.4

S = 42, C = 0.835777, P = 1205.56

S = 43, C = 0.901499, P = 1041.49

S = 44, C = 0.970699, P = 902.784

S = 45, C = 1.04347, P = 785.068

S = 46, C = 1.11993, P = 684.8

S = 47, C = 1.20015, P = 599.097

S = 48, C = 1.28425, P = 525.597

S = 49, C = 1.37233, P = 462.36

S = 50, C = 1.46448, P = 407.787