

1	B	E 45697600	25	81.5
2	B	D	18.5	75
3	C	B	24.6	81.15
4	B	E med=3	6.68	9.21
5	A	C	20	normalcdf .4436
6	E	D	31-18.5=12.5	.4436/.6731=.659
7	C	B	.25/.35=.714	.345
8	D	A	.45-.25=.20	invnorm(.80,11,5)=15.2
9	B	C	.35+.45-.25=.55	.7*.4=.28
10	B	D	.55-.25=.30	.5-.28=.22
11	A	D	1-.55=.45	.5+.4-.28=.62
12	C	C	20/100	14/90
13	A	A	.214	bipdf(20,25/90,20)=.1870
14	A	A	20(10/1000)=2	20(25/90)=5.56
15	D	A	1.21	sqrt(20(25/90)(65/90))=2
16	D	C	77*20=1540	13.41
17	A	C	132.51	13.41*20=268.20
18	e	b	5.104	131.46
19	B	B	.34	12.729
20	C	D	2/6	.81
21		C	1/6	1/53
22		A	t interval (71.81,76.79) 76.79-74.3=2.49	13/53
23		D	t test p value=.005 df=11	755.18-736=19.18
24		B	E	t test p value=.003
25		B	C	t dist df=12-1=11
26		A	A	E
27		D	binomialcdf(20,.5,8)=.2517	C
28		B	normalcdf(12,13 2.6,.20=.9759	C
29		C	invnorm(.85,12.6,.2)=12.81	bicdf(11,.5,7)=.8867 1-.8867=.1133
30		B	.5(10)=5	3
31		A	.6827/.8413=.8115	poissoncdf(3,2)=.4232
32		B	normalcdf(12.59,E99,12.6,.0632) .5628 .0632=.2/sqrt(10)	poisson(cdf(2,0)=.1353
33		e	3*10*10=300	sqrt(18)=4.243
34			[(36-0)/sqrt(12)]/sqrt(12)=3	135
35			2/9	[(150-120)/sqrt(12)]8sqrt(6) = 21.21
36			2 samp t test not pooled .035	135
37			2 samp t test pooled .062	1propZinterval (.531,.589)
38			Sp = .226	1propZtest pvalue=.3687
39			poissoncdf(8,6)=.3134	.55(2000)=1100
40			poissoncdf(4/3,0)=.264	sqrt[2000(.55)(.45)]=22.25
	SPRING 06	SPRING 05	SPRING 04	FALL 04

QUESTIONS 1-4 refer to the following 20 test scores:

68

82

81

85