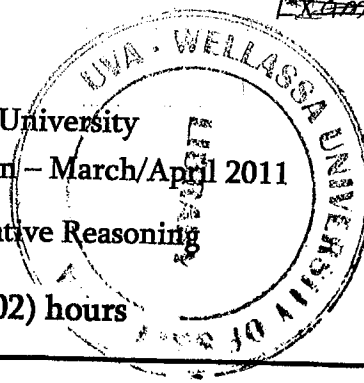


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Uva Wellassa University  
End Semester Examination – March/April 2011

ESS 104-3 Quantitative Reasoning

Time: Two (02) hours



1. After saving up some money from plentiful jobs, a student who wanted to buy a computer began to research prices and equipment. She decided to purchase a high-performance computer, so that it would be usable throughout her university period and well beyond. The university recommends that students purchase personal computers (Desktop), so her efforts were directed at investigating these kinds of machines. To research the cost, she bought several personal computer magazines, and recorded the prices and features of various computers advertised.

The data are stored in a Minitab work sheet named "*computer.mtw*" given on your computer. Descriptions of the data columns are as follows.

Column	Name	Count	Description
C1	Seller ID	60	Identification numbers of the computer sellers
C2	Processor	60	Classification (Type of Processor) : core 2, i3, i5, i7
C3	HDD	60	The size of the hard disk drive in gigabytes: 250, 320, 500
C4	RAM	60	The RAM size in gigabytes: 1, 2, 3, 4
C5	Monitor	60	Type of Monitor: CRT, LCD, LED
C6	Software	60	With the basic software or not: Yes, No
C7	OS	60	Windows XP, Vista, Windows 7
C8	DVD	60	DVD writer included or not: Yes, No
C9	Seller Experience	60	Sales experience on the field in years
C10	Price	60	The cost of the system in Rupees

She needs to find out the factors that could affect the price of computer. You are invited to write report to achieve above target.

You are told that the report should consist of statistical analysis of the information that has been collected.