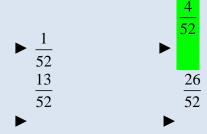
Total questions: 23 MCQs: I think 18 Long: I think 5

www.vuzs.net

http://groups.google.com/group/vuzs

The exact question which asked in my papers are:

The probability of drawing a 'jack card 'from 52 playing cards is:



If all the values fall on the same straight line and the line has a positive slope then what will be the value of the correlation coefficient 'r':

- $ightharpoonup 0 \le r \le 1$
- $ightharpoonup r \ge 0$
- ightharpoonup r = +1
- ▶ r=-1

If a curve has a longer tail to the right, it is called:

- **▶** Positively skewed
- ► Negatively skewed
- ► J-shaped
- ► Symmetric

Which one of the following is not included in measures of central tendency?

- **▶** Quartile deviation
- ► Harmonic mean
- ► Geometric mean
- ► Arithmetic mean

Which of the following is not based on all the observations?

- ► Arithmetic Mean
- ► Geometric Mean
- ► Harmonic mean
- ► Mode

What is the Standard Deviation of 7, 7, 7, 7, 7, 7

What are simple events and what are compound events?

[3Marks]

a. For a particular data of 5 pair of values:

[3 Marks]

$$\sum Y^2 = 26, \sum Y = 10, \sum XY = 37$$

The fitted regression line is:

$$Y = -0.5 + 0.5 x$$

Find the standard error of estimate (Sy.x); what doest it indicates?

This is question already given to us in our 2nd Assignment. Only the regression line values were change. Rest of values were same.

Be careful I am giving the assignment solution not the asked question.

$$\Sigma Y^2 = 26, \Sigma Y = 10, \Sigma XY = 37$$

the given regression line is [Y on X],

$$Y = -1.5 + 0.5x$$
 $so, a = -1.5, b = 0.5$

$$S_{y.x} = \sqrt{\frac{\sum y^2 - a\sum y - b\sum xy}{n - 2}}$$

$$S_{y.x} = \sqrt{\frac{26 - (-1.5)(10) - (0.5)(37)}{5 - 2}}$$

n = 5(5 pairs of values are given)

$$S_{y.x} = \sqrt{\frac{22.5}{3}} = \sqrt{7.5} = 2.73$$

$$S_{y.x} = 2.73$$

s tan dard error of estimate.

range of the experimental data

Question having values and some scenario. [3Marks]

if
$$P(A) = ..., P(B) = ...$$
 and $P(A \cap B) = ...$

then calculate what will be P(B/A) = ...

When a pair of dice is rolled, make the sample space and find the probability

- a. Total of 7
- b. For all sum greater than 6

[5 Marks]

That question was also given in second assignment.

The data was given. Calculate Standard Deviation and Variance [5 marks] I forget the data. But the calculation which is required is so simple. Everything was given. [Standard Deviation for group data]