

Pramukh Swami Science and H. D. Patel Arts College, Kadi
C. C. – Agriculture and Soil Science
Internal Examination Semester II
Subject: - AS – 205 (Agricultural Statistics)

Time: - 2 hrs

Date :- 3/4/2018

Marks : - 40 Marks

Q – 1. Answer the following short questions : (All five)

2 * 5 = 10 Marks

1. Give the definition of Mean and write its formula.
2. The other terms used for mean are _____ and _____.
(deviation / average / variance / centroid)
3. Standard deviation is the _____ (square root / square) of _____
(mean / Variance).
4. What do you understand by Standard Deviation?
5. Write the formula for Variance.

Q-2. Solve the following problems (Any three)

3 * 10 = 30 Marks

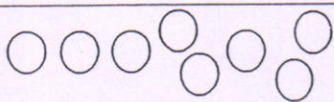

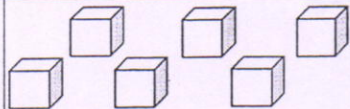
1. The marks obtained by 30 students of Class X of a school in Maths are given in the following table. Find the mean of marks.

Marks	10	20	36	40	50	56	60	70	72	80	88	92	95
No. of students	1	1	3	4	3	2	4	4	1	1	2	3	1

2. There were 8 boys and each boy had money with him. The amount (in rupees) was Rs. 5, Rs. 6, Rs. 2, Rs. 3, Rs. 1, Rs. 7, Rs. 4 and Rs. 8. Find the variance and standard deviation for the above data.
3. The marks obtained by 30 students of C.C. of Pramukh Swami college are given in the following table. Find the mean of marks.

Class Interval	10-25	25-40	40-55	55-70	70-85	85-100
No. of students	2	3	7	6	6	6

4. Show the frequency distribution and value of frequency (f) of the following data:

Items	Frequency distribution (III)	Frequency value
		
		
		

***** Best of luck *****