

Pramukh Swami Science and H.D.Patel Arts College, Kadi
CC-Agriculture and Soil Sciences
Internal Examination Semester II
Subject: 205 Agricultural statistics

Time: 2 hrs

Date: 16/04/2015

Marks: 50

Q.1 Answer any 10 questions. Each question carries 1 mark.

[10*1=10]

1. A small representative fraction of a population is known as _____.
a) sample b) data c) variable d) tabulation
2. In which method, upper limit number is exclude from the class?
a) inclusive b) exclusive c) quantitative d) qualitative
3. The value of an item or individual is called variable. True or false.
4. _____ notation used in statistics known as sigma (summation).
a) Ω b) Σ c) ϵ d) X
5. Give only name for types of random sampling.
6. Which type of classification is based on time of its occurrence?
a) geographical b) chronological c) descriptive d) quantitative
7. Define class limits or exclusive method.
8. _____ means the number of times a particular value occurs.
a) frequency b) frequency distribution c) central tendency d) open end class
9. Match the following:
 1. Discontinuous variables A. Number of student in a class
 2. Infinite population B. Fishes in the sea
 3. Secondary data C. Data collected from newspapers
 4. Primary data D. First hand data information
10. Continuous variables measured in decimal numbers whereas discontinuous variables measurable in _____ numbers.
a) Whole b) partial c) complete d) comprehensive

Q.2 Answer any 4 questions. Each question carries 05 marks.

[4*4=20]

1. Draw a chart for methods of data sampling
2. Explain qualitative or descriptive classification.
3. Prepare a frequency table of height of students of 4th class.
15, 16, 16, 17, 18, 18, 17, 15, 15, 16, 16, 17, 15, 16, 16, 15, 16, 16, 15, 17, 17,
18, 19, 16, 15
4. Construct a frequency table of inclusive series with an interval of 4.

10	17	15	22	11	16	19	24	29	18
25	26	32	14	17	20	23	27	30	12
15	18	24	36	18	15	21	28	33	38
34	13	10	16	19	22	29	19	23	31

5. Draw a chart for statistical investigation

Q.3 Answer any 2 questions. Each question carries 20 marks.

[2*10=20]

1. Prepare a frequency table with exclusive method for the weekly wages (in Rs) of workers in a factory. Take class interval of 5.

70	68	74	76	110	106	107	86	74	75
71	76	106	72	102	94	83	74	78	92
73	74	105	73	101	92	86	76	88	93
86	76	103	83	100	96	71	72	87	96
89	80	102	96	90	102	76	79	85	95
96	81	101	74	95	109	75	82	86	94
95	69	106	96	97	108	76	83	77	86
92	70	103	94	96	106	72	84	75	82
100	93	96	83	92	107	73	86	79	83
110	102	96	92	93	100	76	88	82	84

2. Organize the following data in the form of a frequency distribution with inclusive class series.

Individual	Money (Rs.)	Individual	Money (Rs.)
1	114	11	131
2	108	12	136
3	100	13	143
4	98	14	156
5	101	15	169
6	109	16	182
7	117	17	195
8	119	18	207
9	121	19	219
10	126	20	235

3. The age at marriage of 25 men and women is given below. Arrange the data in the form of a frequency distribution.

Age of Man	Age of Women	Age of Man	Age of Women
24	17	27	19
26	18	25	19
27	19	27	20
25	17	26	19
28	20	25	17
24	18	26	20
27	18	26	17
28	19	26	18
25	18	24	17
26	19	25	18
25	17	26	19
26	18	27	20
		24	29