

SMT.S.I.PATEL.IPCOWALA COLLEGE OF COMMERCE,PETLAD

INTERNAL EXAMINATION - B.COM SEM -3

UB03CCOM 04 BUSINESS STATISTICS-1

DATE:26-09-2018; Wednesday TIME:9-45 to 10-45 TOTAL MARKS:30

Que.1

(a) What is mean by Primary data? Explain any one method for collecting primary data. (7)

(b) Prepare a frequency distribution for the following data taking 8 as the class interval and one of the class should be 24-32. (8)

20,8,19,12,6,60,34,18,9,12,19,48,62,29,48,34,56,43,3,18,34,43,32,40,34, 27, 22, 24,15, 34.

O.R

(a) Which are the various measures of Central Tendency? Explain in brief Merits and Demerits of Mean. (7)

(b) Goals scored by two teams A and B in a football match as follows: (8)

No.of Goals scored	0	1	2	3	4
No. of matches: Team A	27	9	8	5	4
No. of matches: Team B	17	9	6	5	3

Find coefficient of variation and give your comment about which team is more consistent?

Que.2

(a) In which situation you advise for using Poisson distribution? State probability mass function and properties of P.D. (7)

(b) Assuming that boys and girls are equally probable find the number of families out of 1600 families each having 5 children, with (8)

(1) 3 boys (2) 2 or 3 boys.

O.R

(a) Give p.d.f. properties and uses of Normal distribution. (7)

(b) Using Poisson distribution find the expected frequencies for the following data : $(e^{-0.5} = 0.6065)$ (8)

Number of Accidents	0	1	2	3	4
Days	123	59	14	3	1

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