

KHUDIRAM BOSE CENTRAL COLLEGE

INTERNAL EXAMINATION 2020

B.COM PART-I (HONS & GEN)

Business Maths & Statistics (FULL MARKS-25/TIME 1 HOUR)

Group-A

1. ANSWER ANY TWO (2.5X2=5)
 - a) Find the A.M. of 7,6,8,4,11.
 - b) Find Median of 21,12,49,37,88,46,55,74,63.
 - c) Find S.D. of 49,63,46,59,65,52,60,54.
 - d) The A.M. of $7, x-2, 10, x+3$, is 9. Find the value of x .

Group-B (Answer any two) 2x10=20

2. a) Find S.D. of

x	60	70	75	90
f	4	6	8	2

- b) Find 11th term of the expression $(x-1/x)$

- c) Find the Median from the following

Value	1	2	3	4	5	6	7	8	9
Frequency	3	8	12	17	26	18	9	3	1

- d) Find the A.M. from the following

Men	95-105	105-115	115-125	125-135
Frequency	20	26	38	16

- e) Find Standard Deviation(S.D.)

Weight	45-50	50-55	55-60	60-65	65-70
Frequency	10	16	32	28	14

- f) Find the Co-relation Co-efficient of the following data

x	1	2	3	4	5
y	3	2	5	4	6

- g) Find H.M of $1, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}$.