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(m)

SEAT No. _____

No. of Printed Pages : 3

SARDAR PATEL UNIVERSITY

BCOM SEMESTER III EXAMINATIONS 2018

SUBJECT: BUSINESS STATISTICS I (UB03CCM04)

DATE: 22/11/2018, Thursday

TIME: 10 AM TO 12.00 NOON

Note(i) Figures to the right indicate marks

(ii) Use of simple calculators is allowed

(iii) Statistical tables will be provided on request

Q. 1(a) Explain (i) Variables (ii) Constants (iii) Primary data and (iv) Frequency distribution 7

(b) For the following data prepare frequency distribution and compute its mean, mode and median 8

6 8 5 4 3 2 0 1 2 3 4 5 7 6 7 8 6 8 8 7 6 7 5 4 0 1 2 3
4 5 6 7 8 8 6 7 4 3 0 1 2 3 4 5 6 7 8 7 8 7 8 8 7 8 6 5
4 3 0 1 2 5 6 5 1 2 3 4 6 7 8 5

OR

Q. 1(a) Distinguish between primary and secondary data. Also state their sources 7

(b) For the following data, using tally marks and taking one of the inclusive classes as 22-25, prepare a frequency distribution 8

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 20 22
29 19 23 and 31

Q. 2(a) Given $M = 26$, find missing frequencies and compute its C V 7

Class: 0-10 10-20 20-30 30-40 40-50
f : 5 ? 20 ? 7 = 50

(b) Find mean and standard deviation for the following data 8
X: 1 2 4 6 8 9

OR

(1)

(P.T.O.)