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SA – 750

**II Semester B.Com. Examination, April/May 2015
(Semester Scheme) (Repeaters)
(2012-13 and Onwards)
COMMERCE**

Paper – 2.6 : Quantitative Analysis for Business Decisions – I

Time : 3 Hours

Max. Marks : 100

Instruction : Answers should be written **completely** either in **English** or
in **Kannada**.

SECTION – A

Answer **any ten** sub-questions. **Each** question carries **two** marks : **(10×2=20)**

1. a) Mention any four functions of Statistics.
- b) What is meant by Tabulation ?
- c) Give any four general rules of construction of diagrams.
- d) What are the characteristics of a good measure of central tendency ?
- e) What is Ogives curves ?
- f) What is Mean Deviation ?
- g) State any four merits of Standard Deviation.
- h) How range is calculated ?
- i) Define Index Number.
- j) Mean and Variance of 100 items are found to be 40 and 121. What is its CV ?
- k) Find the value of mode, when mean = 20 and median = 22.
- l) Co-efficient of variation of a series is 58% and its S.D. is 21.2. Find mean.

P.T.O.



SECTION – B

Answer **any four** questions. **Each** question carries **eight** marks.

(4×8=32)

2. Present the following data by means of sub-divided Bar-diagram :

Year	Boys	Girls	Total
2007	1000	100	1100
2008	400	50	450
2009	300	30	330
2010	200	20	220

3. In 2012, out of total customers visiting a hotel, 750 were non-vegetarians and 1250 were vegetarians. In total there were 550 male non-vegetarian customers and 300 female vegetarian customers. In 2013, the total number of customers increased by 25%, while non-vegetarian customers increased by 20%. In all there were 1700 male customers among whom 650 were non-vegetarians in 2013. Tabulate the above information.

4. Following are the runs scored by two Batsmen A and B.

Batsman A	70	90	80	50	40	60	30
Batsman B	70	90	60	50	30	40	60

Find :

- 1) Who is a better run getter ?
- 2) Which Batsman is more consistent ?

