Roll No.

BBA-4

1st Year Examination, Academic Batch 2018

Business Statistic

Financial Management

Time : 3 Hours]   *[Max. Marks : 100*

Note. (A)Attempt any five questions.

*(B) Each question carries equal marks. (20*5)*

SECTION-A

Business Statistic

Q.1. Define conditional probability. State and prove Baye's theorem.

Q.2. In a shooting competition, the probability of a man hitting a target is 2/5. If he fires 5 times,

what is the probability of hitting the target i) at least twice ii) at most twice.

Find the value of y when x=82

Q.3. Consider the two regression lines 3x+2y=26 and 6x+y=31,

a) Find the mean value and correlation coefficient between x and y.

b) If the variance of y is 4, find the S.D. of x.

Q.4. What is sampling. Also describe the types of sampling.

SECTION-B

Financial Management

Q.5. Define optimal capital structure. How it is related with cost of capital?

Q.6. What are the different principles of capital structure management? Explain them.

Q.7. Explain wealth maximization and profit maximization objectives of the financial

management.

Q.8. What do you understand by over and under capitalization? Comment on their causes and

effects on the different sectors along with the remedies, in brief.