



K18U 2213

Reg. No. :

Name :

I Semester B.B.A./B.B.A.R.T.M./B.B.A.T.T.M. Degree
(CBCSS-Reg./Supple./Improv.) Examination, November 2018
COMPLEMENTARY COURSE
1C01BBA(TTM)/BBA/BBA (RTM) : Business Statistics
(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 40

SECTION – A

Answer **all** questions. **Each** question carries $1/2$ mark.

1. What do you mean by Data ?
2. What is normal distribution ?
3. What is Statistics ?
4. What do you mean by Scatter Diagram ?

SECTION – B

Answer **any four** questions. **Each** question carries 1 mark.

5. What is simple linear equation ?
6. What is Kurtosis ?
7. Write note on Arithmetic mean.
8. List down the merits of standard deviation.
9. Name few graphical methods of presenting data.
10. What do you mean by Tabulation ?

SECTION – C

Answer **any six** questions. **Each** question carries 3 marks.

11. Discuss different methods of Data Collection.
12. Describe on the various methods of presentation of data.
13. Illustrate the limitation of average.

P.T.O.



14. Find out Arithmetic Mean from the following data :
5, 10, 15, 20, 25, 30, 35, 40, 45 and 50.
15. Find out median from the following data :
45, 47, 49, 51, 53, 55, 57, 59, 61 and 63.
16. Find out mode from the following data :
45, 47, 47, 25, 42, 24, 35, 25, 47, 36 and 34.

17. Draw a histogram from the following data :

Marks	15 – 25	25 – 35	35 – 45	45 – 55	55 – 65	65 – 75	75 – 85	85 – 95
No. of Students	05	07	14	26	34	28	20	08

18. Calculate cumulative frequencies from the following :

Marks	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70	70 – 80	80 – 90
No. of Students	04	06	10	15	22	19	16	08

SECTION – D

Answer **any two** questions. **Each** question carries **8** marks.

19. Discuss the scope and limitations of statistics.
20. Fit a trend line to the following data related to the tourist arrival to a destination :

Year	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Tourist arrival in thousands	65	75	61	56	60	57	70	63	68	50

21. Calculate Rank Co-efficient of Correlation as per the following details :

Students	A	B	C	D	E	F	G	H	I	J
Subject I	50	64	49	50	48	47	60	57	50	42
Subject II	62	52	48	53	57	54	60	50	45	47