

DESCRIPTIVE STATISTICS

Time: 3 Hours

Maximum Marks: 50

PART-AAnswer ANY FOUR questions. Each question carries TEN marks

(4 x 10 = 40)

- I. Explain the origin and development of science of statistics.
- II. "Statistics are like clay of which you can make a god or devil as you please". Explain
- III. Define classification of data and state four kinds of classification with examples for each one of them.
- IV. Explain briefly the various stages come under planning the survey.
- V. Write short notes on ANY TWO of the following:
- (a). Functions of statistics (b). Research Report.
(c). Quota sampling
- VI. Write short notes on ANY TWO of the following:
- (a). Bowley's definition of statistics (b). Indirect oral interview
(b). Field edit and field check

PART-BAnswer ANY TWO of the following. Each question carries FIVE marks.

(2x5 = 10)

- VII. Calculate average wages of workers from the following data

Wages (Rs)	2500	5000	7500	3500	4500	8500	4750	9500	8750	3000
No. of workers	34	24	44	64	54	17	37	27	27	31

- VIII. Calculate standard deviation from the following data.

Class	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
frequency	12	23	32	18	24	16	22	31	17	23

- IX. Calculate Index number from following data considering 2014 as base year

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
No of crimes	145	615	457	769	859	995	1095	2185	245	154
