

I.COM –II GUESS PAPER – 2022

STATISTICS –

2. Write short questions.

- i) Define Statistics.
- ii) Parameter is variable or constant Explain.
- iii) What is quantitative variable?
- iv) Define Parameter and population.
- v) Define tabulation.
- vi) Define temporal classification.
- vii) Define cumulative frequency.
- viii) Define Class-interval.
- ix) Give two advantages of graphs.
- x) What do you mean by pie chart?

3. Write short answers.

- i) Define arithmetic mean.
- ii) Define subset
- iii) What is probability?
- iv) What is mode?
- v) Define composite index number.
- vi) Give two merits of median.
- vii) Define mutually exclusive events.
- viii) Write any two reasons of average calculation.
- ix) Define permutation.
- x) Difference between parameter and statistic.

SECTION – II

4. The deviation from 10,5 of 10 items are given below.

1.3	2.0	8.5	4.6	3.4	8.2	9.3	7.4	5.6
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Calculate Arithmetic Mean.

5. The following data indicate the daily income of the small industry units.

Income (Rs.)	118-126	127-135	136-144	15-153	154-162
Workers	3	5	12	6	4

Calculate mean.

6. Find median and mode of the following data.
10,13,15,17,13,12,19,18

7. For the following frequency distribution computer mode.

Classes	30-39	40-49	50-59	60-69	70-79
Frequency	15	18	22	10	05

8. If 3 coins are tossed, construct the sample space and find the probability of 3 heads?