

GIIT PROFESSIONAL COLLEGE

(Affiliated to KOLHAN UNIVERSITY, Chaibasa)

Question Bank

Course : BSc. IT – 1st Year

Subject Code :

Subject : DATA HANDLING METHODOLOGY

All questions carry equal marks.

Data Handling Methodology

1. Write the functions and limitations of statistics.
2. What do you mean by classification explain.
3. What is the difference between primary data and secondary data?
4. Explain the required criteria for a good questionnaires
5. What are the various methods to present the data?
6. Find the mean, median and mode of the following data

X: 2,5,15,17,18,20,22,24,15,20

7. Find the standard deviation, quartile deviation of the following data.

0-10	10-20	20-30	30-40	40-50
15	20	25	8	12

8. Find the mean deviation from mean of the following

10-20	20-30	30-40	40-50	50-60
6	9	12	15	10

9. What do you mean by sampling explain its types
10. What is hypothesis testing explain with example.
11. What do you mean by Type I error?
12. Explain chi-square test. Calculate chi square value of the following data.

10	15	20	25	
12	15	18	22	
14	16	18	20	

13. What do you mean by regression analysis?
14. Explain multiple correlations with example.
15. Explain the merits and demerits of primary and secondary data.

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16. Find the Karl-Pearson's coefficient correlation of the following data

X	10	20	40	60
Y	15	22	25	45

17. Find the variance of the following data

X	15	25	125	225
F	120	220	420	625

18. Explain about Pilot Survey with suitable example.

19. Explain about the Chronological data.

20. What are the scopes of Statistics?

21. Find the Percentile of the following data.

Marks	70	56	86	89	72
No of Students	1002	1005	1120	800	600

22. What do you mean by Tabulation Explain its types?

23. What is the role of data handling methodology in IT industries

24. What is mean deviation from median? Find the mean deviation of the median of the following data.

X	225	220	120	140	160
F	220	440	720	1100	1040

25. Find the sample size of the following data. If the standard error is 1.5, mean is 20, and the standard deviation is .4

26. What is Non- Probability sampling?

27. What do you mean by Cluster?

28. What is multi-stages Sampling?

29. Explain time series Analysis

30. What do you mean by TypeII Error explain with example.