

(i) Printed Pages : 3

Roll No.

(ii) Questions : 7

Sub. Code :

1	0	5	6	3
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Exam. Code :

5	0	0	2
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NEP U.G. Common-Skill Enhancement Course 2nd Semester

(2056)

DATA COLLECTION AND HANDLING-II

Paper : Data Collection and Handling-II

Time Allowed : 3 Hours]

[Maximum Marks : 68

Note :— Attempt four questions in all, including question no. I, which is compulsory and selecting at least one question from each unit.

I. Attempt any seven questions from the following:

- (a) What are secondary data sources?
- (b) Differentiate between data cleaning and data adjusting.
- (c) How tabulation is different from classification?
- (d) Differentiate between discrete series and continuous series.
- (e) What is scattergram?
- (f) Differentiate between mean and median.
- (g) What is frequency polygon?
- (h) Differentiate between quartile deviation and mean deviation.
- (i) Why ethics for data collection are important?
- (j) What is the use of extrapolation? 7×2=14

UNIT—I

II. How secondary data collection is different from primary data collection? What are the problems of secondary data collection and how to select appropriate secondary data source for the given research problem? 18

III. (a) Discuss the types of tables.

(b) The following is the frequency distribution of the weekly wages (in '00 Rs.) of 100 workers in a factory:

Weekly Wages (in '00 Rs.)	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64
Number of workers	4	5	12	23	31	10	8	5	2

Draw the histogram and frequency polygon of the distribution. 8+10=18

UNIT—II

IV. What is Mode? Calculate mode from the following series: 18

Weight (in kgs)	93-97	98-102	103-107	108-112	113-117	118-122	123-127	128-132
No. of Students	3	5	12	17	14	6	3	1

V. What are measures of dispersion? Calculate quartile deviation and standard deviation from the following data: 18

Marks	0-10	10-20	20-30	30-40	40-50	50-60	60-70
No. of students	6	8	15	13	10	7	3

UNIT—III

VI. Discuss the following:

(a) Privacy in data

(b) Standards of conduct

(c) Ethics for data collection.

6+6+6 = 18

VII. Give the importance of ethical data collection for researchers and sponsoring organisations. Discuss the key principles of ethical data collection. What is ethical approval of data collection?

18