

(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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Bachelor of Arts (FYUP) 2nd Semester
(2055)

DATA COLLECTION AND HANDLING-II

Paper : Data Collection and Handling-II

Time Allowed : Three Hours]

[Maximum Marks : 68

Note :— Attempt **four** questions in all, including Question No. 1, which is compulsory and selecting **one** question from each unit.

1. Attempt any **seven** questions from the following :

- (a) Define secondary data.
- (b) Differentiate between questionnaire and schedule.
- (c) Why tabulation is important ?
- (d) Differentiate between Interpolation and Extrapolation.
- (e) Differentiate between diagram and graph.
- (f) Differentiate between editing and coding of data.
- (g) Differentiate between exclusive and inclusive series.
- (h) Differentiate between quartile deviation and standard deviation.
- (i) What are the ethics of data collection ?
- (j) Differentiate between frequency curve and frequency polygon.

7×2=14

UNIT—I

2. What is data processing ? Discuss the steps of data processing in detail. Also give problems of data processing. 18
3. (a) Briefly discuss the essential parts of a statistical table ?
(b) The following table shows the area in millions of sq.km., of oceans of the world :

Oceans :	Pacific	Atlantic	Indian	Antartic	Arctic
Area	70.8	41.2	28.5	7.6	4.8

(million sq. km.,)

9+9=18

UNIT—II

4. Calculate arithmetic mean and median from the following series :

Marks : 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99

No.of

Students : 7 15 18 25 30 20 16 7 2

18

5. What are measures of dispersion ? Calculate mean and standard deviation from the following data :

Marks : 0-10 10-20 20-30 30-40 40-50 50-60 60-70

No.of

Students : 5 7 14 12 9 6 2

18

UNIT—III

6. Discuss the following :

- (a) Stakeholders in research
- (b) Standards of conduct and
- (c) Privacy in data

6+6+6=18

7. Give the importance of ethical data collection. Discuss the key principles of ethical data collection. What is ethical approval of data collection ?

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