



॥ विद्या सर्वस्य गूढणम ॥

PRABODHANI EDUCATION SOCIETY'S  
VIDYA PRABODHINI COLLEGE OF COMMERCE, EDUCATION,  
COMPUTER AND MANAGEMENT, VIDYANAGAR, PARVURI, GOA.

S.Y.B.A.B.Ed. SEMESTER END EXAMINATION

APRIL / MAY - 2023 (REGULAR / REPEAT)

SUB: GEOGRAPHY (PRACTICAL)

PAPER: PRACTICALS IN CARTOGRAPHIC TECHNIQUES-II

SEMESTER:IV

DURATION: 3 HOURS

MAX. MARKS: 50

- Instructions: 1. **Q.1, Q.5 and Q.6** is compulsory  
2. Solve any **Two** from **Q.2 to Q.4**  
2. Figures to the right indicate full marks.  
3. Draw **map, graph and diagrams** wherever necessary.

**Q.1 Answer the following (Any Two)**

(2x5=10)

- A. Define the data and methods of data collection with details.  
B. Discuss the Significance and Scope of Agriculture data analysis  
C. What is the schedule method? List the merit and demerits of method.

**Q.2. Draw a 'Multiple Bar graph' by using following data and interpret the result.**

(10)

Table 1: Taluka wise factories registered and operated in Goa.(2019-2020)

Sr.No.	Talukas	Registered	Operated
1.	Tiswadi	135	44
2.	Bardez	236	101
3.	Pednem	40	30
4.	Bicholim	87	50
5.	Sattari	57	56

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**Q.3.** Draw a 'Pie diagram' using following data and interpret the result. (10)

Table 2: Taluka wise net sown area (ha) in North Goa district 2019-2020.

Sr.No.	Talukas	Net sown area (Ha)
1.	Tiswadi	9451
2.	Bardez	14584
3.	Pernem	13897
4.	Bicholim	11286
5.	Sattari	14701
6.	Ponda	10648

**Q.4.** Prepare 'Flow diagram' using following statistical data and interpret the result.

(10)

Table 3: Bus-Transportation monthly frequency from Panaji Stand.

Sr.No.	Bus Route	Frequency
1	Panaji -Mapusa	329
2	Panaji-Margao	450
3	Panaji - Ponda	350
4	Panaji - Valpoi	250
5	Panaji - Sangem	160
6	Panaji - Bicholim	125
7	Panaji - Vasco	380

**Q.5.** Answer the following (Any Two)

(2x5=10)

- What is the sampling? Discuss the various methods of sampling techniques.
- Discuss the various factors affecting on transportation development.
- Write a short report on your mini project .
- Nature and importance of industrial data analysis.

**Q.6.** Journal and Viva

(5+5=10)

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