



P-1A

Prabodhan Education Society's
Vidya Prabodhini College of Commerce, Education, Computer and Management Parvari-Goa
S.Y.B.A.B.Ed (GEOGRAPHY)
FORTH SEMESTER END PRACTICAL EXAMINATION, APRIL 2017
PRACTICAL IN CARTOGRAPHIC TECHNIQUES

Time: 3 Hours

Total Marks: 50

- Instructions:
1. Q.1, Q.2 and Q.7 is compulsory
 2. Solve any **Three** from Q.3 to Q.6
 2. Figures to the right indicate full marks.
 3. Draw map, sketch and diagrams wherever necessary

Q.1 Answer the following (Any Two) (08)

- A. Define Data, types and sources with examples
- B. Discuss the nature and mode of agriculture data
- C. Discuss the data collection vs census method

Q.2 Write the Short note (Any Two) (08)

- A. Define the 'Schedule method' and describe the merits and demerits?
- B. What is sampling technique? Discuss the types sampling technique with detail
- C. Discuss the Non-Probability sampling technique with suitable diagrams

Q.3 Prepare the Compound bar graph method to represent following Geo-statistical data and interpret the result. (08)

Table:1 Percent of total cropped area under major crops in Goa (1999-2005)

Sr.No	Crops	Tiswadi	Bardez	Pernem	Bicholim	Sattari	Ponda
1	Paddy	4740	6010	4330	2380	1130	3420
2	Cashew	4062	6423	8435	7749	10591	3452
3	Coconut	1718	3030	1661	1540	942	2488
4	Vegetable	990	416	1016	541	267	599
5	Cereals	330	3325	5175	328	205	560
6	Garden crops	487	582	493	760	1191	1621

Q.4 Construct a Pie diagram to by using following data and interpret the result. (08)

Table:2 Taluka wise daily workers in large scale industries in Goa (2014)

Sr.No	Taluka	No. of Workers
1	Tiswadi	1064
2	Bardez	3899
3	Pernem	394
4	Bicholim	2651
5	Sattari	1234
6	Ponda	7664
7	Sanghem	865
8	Salcet	1246
9	Marmagoa	14502

Q.5 Prepare Choropleth map to show Taluk a wise road density in Goa (2011) (08)

Table:3 Taluka wise Area and road length in Goa (2011)

Sr.No	Taluka Name	Area (in Sq.km)	Road Length (in K.m)
1	Tiswadi	213.06	383.56
2	Bardez	264	794.11
3	Pernem	251.7	284.10
4	Bicholim	238.8	606.93
5	Sattari	489.5	478.86
6	Ponda	292.8	348.40
7	Sanghem	836.8	359.80
8	Quepem	318.3	396.11
9	Salcet	292.9	527.51
10	Marmagoa	109.1	258.51
11	Canacona	352	277.43

Q.6 Prepare flow diagram using following statistical data and interpret the result. (08)

Table: Bus-Transportation monthly frequency from Panaji Stand

Sr.No	Bus Route	Frequency
1	Panaji-Mapusa	328
2	Panaji-Margao	460
3	Panaji - Ponda	360
4	Panaji - Valpoi	200
5	Panaji - Sangem	165
6	Panaji - Bicholim	125
7	Panaji - Vasco	385

Q.7 Journal and Viva (10)