



P-2B

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. Discuss the data collection vs census method
- B. What is the sampling? Discuss the various methods of sampling techniques
- C. Define the Questionnaire method? Explain its merit and demerits

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

- A. Data types and Sources
- B. Probability sampling methods
- C. Advantage and Disadvantages of sampling techniques.

Q.3 Prepare the Multiple line graph by using following statistical data (08)

Table: 1 Marine and Inland fish production (in Tons) in Goa (2007-2014)

Sr.No	Year	Marine	Island
1	2004	84394	4397
2	2005	103087	4194
3	2006	96326	4131
4	2007	91185	2447
5	2008	88771	3077
6	2009	80687	3283
7	2010	87062	3311

Q.4 Construct a Choropleth map by using following Geo-statistical data and interpret the result (08)

Table: 2 Taluka wise Agriculture net sown area (in Ha.) in Goa (2013-14)

Sr.No	Taluka	Area	Sr.No	Taluka	Area
1	Tiswadi	10801	7	Sanghem	10500
2	Bardez	15872	8	Dharbandora	3359
3	Pernem	14301	9	Canacona	9646
4	Bicholim	11168	10	Quepem	9981
5	Sattari	14166	11	Salcet	16666
6	Ponda	10398	12	Marmagoa	2348

Q. 5 Prepare the Pie diagram using following Geo-statistical data.

Table: 3 Taluka wise workers engaged into factories in Goa

Sr.No	Taluka	No. of workers
1	Tiswadi	3023
2	Bardez	10208
3	Pernem	892
4	Bicholim	5413
5	Sattari	2762
6	Ponda	16888
7	Sanghem	797
8	Dharbandora	216
9	Canacona	370
10	Quepem	618
11	Salcet	24925
12	Marmagoa	5126

Q. 6 Prepare the flow diagram by using following statistical data and interpret the result

Table: 4 Weekly flights frequency from Mumbai Airport

Sr.No	Flight Route	Frequency
1	Mumbai-Panaji	36
2	Mumbai-New Delhi	116
3	Mumbai - Ahmadabad	66
4	Mumbai - Bhopal	48
5	Mumbai - Guwahati	29
6	Mumbai - Kolkata	76
7	Mumbai - Bangalore	59
8	Mumbai - Hyderabad	83

Q.7 Journal and Viva

(10)

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