

PGDM (IB) (2013-15)

Research Methodology

Subject Code: IB 202

Trimester Second-Term Examination: December 2013

Time allowed: 2 Hrs 30 Min

Max. Marks: 50

Roll No:

**Instruction:** Students are required to write Roll No on every page of the question paper, writing anything except the Roll No. will be treated as **Unfair Means**. For rough work, please use answer sheet.

Sections	No. of Questions to attempt	Marks	Marks
A	3 out of 5(Short Questions)	5 Marks each	3*5=15
B	2 out of 3(Long Questions)	10 Marks each	2*10=20
C	Compulsory Case Study	15 Marks	15
		<b>Total Marks</b>	<b>50</b>

#### Section A

1. Describe five most important features of Holistic Approach to Research.
2. What are the five most important aspects of Positive Approach to Research.
3. Explain briefly Comparative Method of Agreement.
4. Describe basic features of an-Atypical and Typical Case Method of Research.
5. Briefly explain the meaning of questionnaire and schedule and describe type of questions that a questionnaire generally contains.

#### SECTION B

1. Explain the main features and thrust of historical method of research. Give an example of historical method having been used to propound an important theory of growth, or theory of marketing.
2. Discuss the main facets of Story Telling and Anecdotal Approach to Research.
3. What is sampling? Distinguish between (i) Stratified Random Sampling and Random sampling; and (ii) Random Sampling and Simple Random Sampling.

SECTION C

- I. Given the following data relating to year on year exports as a percentage of GDP and GDP relating to PRE and POST NEP Periods(1980-81 to 1989-90 and 1990-91 to 2000) and the results of corresponding descriptive statistics of above data, use comparative method of agreement and/or disagreement to answer the questions listed here-under:

Data

Year	Export-1 % of G.D.P.	G.D.P (Rs lakh Crore)	Year	Export-2 % of G.D.P.	G.D.P (Rs lakh Crore)
1981	10	3255	1991	25	1025
1982	12	3545	1992	25.5	830
1983	13.1	4030	1993	24.3	728
1984	14.7	4037	1994	23.8	767
1985	15.9	5059	1995	27.3	1033
1986	18.1	5432	1996	29.6	1188
1987	20.01	6667	1997	30.3	1288
1988	19.5	8008	1998	33.5	2001
1989	19.98	9999	1999	35.01	11122
1990	20.7	1001	2000	36.9	15656
<b>Results of Descriptive Statistics</b>					
<b>Export 1</b>			<b>Export 2</b>		
Mean		16.399	Mean		29.121
Standard Error		1.207331723	Standard Error		1.494261951
Median		17	Median		28.45
Mode		#N/A	Mode		#N/A
Standard Deviation		3.817918135	Standard Deviation		4.725271186
Sample Variance		14.57649889	Sample Variance		22.32818778
Kurtosis		-1.303397377	Kurtosis		-1.254097231
Skewness		-0.451142399	Skewness		0.492959407
Range		10.7	Range		13.1
Minimum		10	Minimum		23.8
Maximum		20.7	Maximum		36.9
Sum		163.99	Sum		291.21
Count		10	Count		10

Results continued on next page

### Results of Descriptive Statistics

	GDP –PRE NEP Period			GDP –Post Nep Period		
	Mean	5103.3		Mean	3563.8	
	Standard Error	815.970248		Standard Error	1675.979619	
	Median	4548		Median	1110.5	
	Mode	#N/A		Mode	#N/A	
	Standard Deviation	2580.324486		Standard Deviation	5299.912909	
	Sample Variance	6658074.456		Sample Variance	28089076.84	
	Kurtosis	0.362730982		Kurtosis	2.568809209	
	Skewness	0.518385513		Skewness	1.934213725	
	Range	8998		Range	14928	
	Minimum	1001		Minimum	728	
	Maximum	9999		Maximum	15656	
	Sum	51033		Sum	35638	
	Count	10		Count	10	

**Q.1** What has been the impact of the policy of liberalization, privatization and globalization (NEP), which was adopted by the government of India in 1990-91 on the increase in exports as a proportion of GDP from first to second period;

**Q.2..** Has GDP, on an average, increased from first to second period?

**Q.3.** Has the year on year variation of exports as a percentage of GDP increased from I to II period of observation?

**(Q4)** Has the inequality and concentration in the inter-year values of exports as a proportion of GDP remained the same from I to II period?

**(Q5)** Has the variation and inequality in the distribution of GDP between the years from I to II period of observation increased?

Explain the rationale on which your answers to above questions are based.