

DESIGN OF QUESTION PAPER

Subject : **STATISTICS**
Paper : Theory
Class : XI
Full Mark : 100
Time : 3 Hours

WEIGHTAGE TO OBJECTIVES:					
I	Objectives		Marks	Percentage	
	Knowledge(K)		20	20	
	Understanding (U)		46	46	
	Application (A)		30	30	
	Skill (S)		4	4	
	Total:		100	100	
WEIGHTAGE TO FORMS OF QUESTIONS:					
II	FORM OF QUESTIONS	No. of questions	Time(in minutes)	Marks	Percentage
	Essay/Long Ans: (E/LA)	6	72	36	36
	Short Answer (SA-I)	8	56	32	32
	Short Answer (SA-II)	9	30	18	18
	Very Short Answer(VSA)	10	16	10	10
	MCQ	4	6	4	4
	Total:	37	180	100	100
	WEIGHTAGE TO CONTENT:				
III	Unit	CONTENTS :		Marks	Percentage
	1	Mathematical Preliminaries		20	20
	2	Descriptive statistics		20	20
	3	Correlation and Regression		15	15
	4	Index Number		20	20
	5	Method of Least Squares with curve fitting and Time Series		15	15
	6	Sample Survey		10	10
	Total:			100	100
IV	SCHEME OF SECTIONS:	NIL			
V	SCHEME OF OPTIONS:	Internal option may be given in LA Type Question only.			
VI	DIFFICULTY LEVEL :				
	Difficulty:	30%			
	Average:	50%			
	Easy:	20%			

Abbreviation: K(Knowledge), U(Understanding), A(Application),S(Skill), E(Essay Type), SA(Short Answer Type), VSA(Very Short Answer Type), O(Objective Type).
MCQ (Multiple Choice Question).

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	WEIGHTAGE TO CONTENT:				
	Unit	CONTENTS :		Marks	Percentage
III	1	Probability and Expectation		20	20
		(i) Finite difference and Interpolation		15	15
	2	(ii) Numerical Integration		10	10
	3	Standard Distributions		10	10
	4	Theory of Attributes		15	15
	5	Theory of Estimation and Testing of Hypothesis		15	15
	6	Vital Statistics		15	15
	Total:			100	100
IV	SCHEME OF SECTIONS:		NIL		
V	SCHEME OF OPTIONS:		NIL		
VI	DIFFICULTY LEVEL :				
	Difficulty:			30%	
	Average:			50%	
	Easy:			20%	

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