

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE 2nd ANNUAL EXAMINATION, 2025

Name of Subject: Business Statistics Paper-II Group: X

Q. Nos	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer
1	4641	A	4643	Median	4645	Economic Parameter	4647	Mean
2	B	Ogive	C	Changed	A	Mutually Exclusive	D	8
3	A	Two	B	Economic Parameter	D	0.30	A	Median
4	C	Mean	A	Mutually Exclusive	A	Parameter	C	changed
5	D	8	D	0.30	B	Ogive	B	Economic Parameter
6	A	Median	A	Parameter	A	Two	A	Mutually Exclusive
7	C	Changed	B	Ogive	C	Mean	D	0.30
8	B	Economic Parameter	A	Two	D	8	A	Parameter
9	A	Mutually Exclusive	C	Mean	A	Median	B	Ogive
10	D	0.30	D	8	C	Changed	A	Two
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Cross Check	A B C D		A B C D		A B C D		A B C D	
Total	4 2 2 2		4 2 2 2		4 2 2 2		4 2 2 2	

سرٹیفکیٹ بابت صحیح سوالیہ پرچہ مارکنگ Key

ہم نے مضمون B. Stats پرچہ II گروپ دوسرا سالانہ امتحان 2025 کا سوالیہ پرچہ انتہائی دمعروضی (Subjective & Objective) کو بنظر عین چیک کر لیا ہے یہ پرچہ Syllabus کے عین مطابق Set کیا گیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے۔ ہم نے سوالیہ پرچہ کا اردو اور انگریزی Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرچہ کی معروضی (MCQs) Key کی بابت تصدیق کی جاتی ہے کہ اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایگزامینرز کیلئے تفصیلی مارکنگ ہدایات / مارکنگ سکیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 19/11/25

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4					
5					

2025 (2 nd -A)						Roll No: _____				
INTERMEDIATE PART-II (12 th Class)										
BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II										
TIME ALLOWED: 1.45 Hours			SUBJECTIVE			MAXIMUM MARKS: 40				
NOTE: Write same question number and its parts number on answer book, as given in the question paper.										
SECTION-I										
2. Attempt any six parts.								62 = 12		
(i)	What is Descriptive Statistics?									
(ii)	Define Data.									
(iii)	What is Variable?									
(iv)	Define Tabulation.									
(v)	Give two advantages of Graph.									
(vi)	Define Class limits.									
(vii)	Define Probability.									
(viii)	Define Range of Probability.									
(ix)	Define Random Experiment.									
3. Attempt any six parts.								6×2 = 12		
(i)	Define Arithmetic Mean.									
(ii)	If $n = 10$, $\Sigma X = 200$, find $\bar{X}$									
(iii)	Write two qualities of a good average.									
(iv)	If Mode=25, Median=30, find the approximate value of Mean.									
(v)	Find Median of numbers 2, 3, 7, 9, 10, 12.									
(vi)	Define Combine Mean.									
(vii)	Define Index Number.									
(viii)	What is fixed base method?									
(ix)	Give $\Sigma p_n q_n = 1200$, $\Sigma p_o q_n = 800$, find current year weighted index number.									
SECTION-II										
NOTE: Attempt any two questions.								2×8 = 16		
4.(a)	The following table gives the weights(in lbs) of 30 students at a university.									04
	138	164	150	132	144	125	149	157	146	158
	140	147	136	148	152	144	168	126	138	176
	163	119	154	165	146	173	142	147	135	153
	Tabulate the data into a frequency distribution taking a class interval of size 9. Such as 118 – 126, 127 – 135 and so on.									
(b)	The areas of the some continents in millions of square kilometers are given below. Represent the data by simple bar chart									04
	Continent	Asia	Europe	Africa	Australia					
	Area	31	22	29	8					
5.(a)	Calculate Mean for the data:									04
	Classes	0.1 – 0.8	0.9 – 1.6	1.7 – 2.4	2.5 – 3.2	3.3 – 4.0				
	f	5	6	3	1	2				
(b)	Calculate Median from the following data:									04
	Classes	3 – 4	5 – 6	7 – 8	9 – 10	11 – 12				
	f	5	22	42	30	11				
6.(a)	Compute the chain index number taking 1931 as base for the following data:									04
	Items	1931	1932	1933	1934					
	Wheat	4	4	7	8					
	Rice	10	6	9	10					
	Cotton	20	23	25	30					
(b)	A card is drawn from an ordinary deck of 52 playing cards. Find the probability that:									04
(a)	The card is red									
(b)	The card is Queen.									

Paper Code Number: 4641		2025 (2 nd -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II					
TIME ALLOWED: 15 Minutes		OBJECTIVE		MAXIMUM MARKS: 10	
Q.No.1		You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.			
S.#	QUESTIONS	A	B	C	D
1	A numerical quantity computed on the basis of population data is termed as:	Parameter	Statistic	Continuous	Discrete
2	The graph of cumulative frequency distribution is called:	Polygon	Ogive	Bar chart	Histogram
3	Main types of data are:	Two	Three	Four	Five
4	Sum of deviation is zero if it is taken from:	Median	Mode	Mean	G.M
5	Select the correct mode of 2, 4, 8, 6, 10, 8	2	4	6	8
6	Which average is not affected by extreme values?	Median	Mode	Mean	G.M
7	In chain base method, the base period will be:	Fixed	Base	Changed	Constant
8	Index number are also called:	Constant	Economic Barometers	Parameters	Quartiles
9	If $A \cap B = \phi$, then the events A and B are called:	Mutually exclusive	Exhaustive	Equally likely	Independent
10	If $P(A) = 0.70$ then $P(\bar{A})$ is:	One	0.70	Zero	0.30

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(MULTAN)

Paper Code Number: 4643		2025 (2 nd -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II					
TIME ALLOWED: 15 Minutes		OBJECTIVE		MAXIMUM MARKS: 10	
Q.No.1		You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.			
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5	If $P(A) = 0.70$ then $P(\bar{A})$ is:	One	0.70	Zero	0.30
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8	Main types of data are:	Two	Three	Four	Five
9	Sum of deviation is zero if it is taken from:	Median	Mode	Mean	G.M
10	Select the correct mode of 2, 4, 8, 6, 10, 8	2	4	6	8

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Paper Code Number: 4645		2025 (2 nd -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II					
TIME ALLOWED: 15 Minutes		OBJECTIVE		MAXIMUM MARKS: 10	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
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6	Main types of data are:	Two	Three	Four	Five
7	Sum of deviation is zero if it is taken from:	Median	Mode	Mean	G.M
8	Select the correct mode of 2, 4, 8, 6, 10, 8	2	4	6	8
9	Which average is not affected by extreme values?	Median	Mode	Mean	G.M
10	In chain base method, the base period will be:	Fixed	Base	Changed	Constant

Paper Code Number: 4647		2025 (2 nd -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II					
TIME ALLOWED: 15 Minutes		OBJECTIVE		MAXIMUM MARKS: 10	
Q.No.1		You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.			
S.#	QUESTIONS	A	B	C	D
1	Sum of deviation is zero if it is taken from:	Median	Mode	Mean	G.M
2	Select the correct mode of 2, 4, 8, 6, 10, 8	2	4	6	8
3	Which average is not affected by extreme values?	Median	Mode	Mean	G.M
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8	A numerical quantity computed on the basis of population data is termed as:	Parameter	Statistic	Continuous	Discrete
9	The graph of cumulative frequency distribution is called:	Polygon	Ogive	Bar chart	Histogram
10	Main types of data are:	Two	Three	Four	Five

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