

192

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE 2nd ANNUAL EXAMINATION, 2022

Name of Subject: B. Stat

Q. Nos	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer
	4641							
1	B	Statistic						
2	D	Secondary data						
3	C	Stub						
4	D	Histogram						
5	B	Zero						
6	C	A.M.						
7	A	Fixed						
8	C	Paasche's index						
9	B	One						
10	B	0.5						
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

سرٹیفکیٹ بابت صحیح سوالیہ پرچہ امارنگ Key

ہم نے مشمولہ پرچہ B. Stat پرچہ II گروپ II انٹرمیڈیٹ 2022ء کا سوالیہ پرچہ انشائیہ و معروضی (Subjective & Objective) کو بغیر غلط 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 امارنگ سکیم Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 15-12-2022

S.#	Name	Designation	Institution	Mobile No	Signature
1	Mushawar Nawaz	Principal	G.I.H.S. Ayazabad Multan	0333-6105660	کے بی
2					
3					
4					
5					

15/12/2022

تاریخ

Paper Code

Number:

4641

2022 (2nd-A)

Roll No. _____

INTERMEDIATE PART-II (12th CLASS)

BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II

TIME ALLOWED: 15 Minutes

OBJECTIVE

MAXIMUM MARKS: 10

Note: 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. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(1) Numerical value calculated from sample is called:

(A) Parameter

(B) Statistic

(C) Bar chart

(D) Constant

(2) Data obtained from the internet is called:

(A) Fictitious Data

(B) Primary Data

(C) Raw Data

(D) Secondary Data

(3) Row Caption is also known as:

(A) Box head

(B) Source note

(C) Stub

(D) Foot note

(4) Graph of frequency distribution is called:

(A) Bar chart

(B) Histogram

(C) Ogive

(D) Histogram

(5) Sum of deviation from mean is always equal to:

(A) One

(B) Zero

(C) 5

(D) Two

(6) Which of the following average is affected by extreme values?

(A) Median

(B) G.M

(C) A.M

(D) H.M

(7) In fixed base method, base period is always:

(A) Fixed

(B) Current period

(C) Preceding period

(D) Middle period

(8) Current year weighted index is also known as:

(A) Fisher's Index

(B) Laspeyre's Index

(C) Paasche's index

(D) Link relative

(9) Probability of sure event is always equal to:

(A) Zero

(B) One

(C) Negative

(D) 0.5

(10) In throwing a single coin, probability of head is:

(A) One

(B) 0.5

(C) $\frac{2}{3}$

(D) Zero

INTERMEDIATE PART-II (12th CLASS)**BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II**

TIME ALLOWED: 1.45 Hours

SUBJECTIVE

MAXIMUM MARKS: 40

NOTE: Write same question number and its part number on answer book,
as given in the question paper.**SECTION-I****2. Attempt any six parts.****6 × 2 = 12**

- What are the two branches of statistics?
- Define qualitative variable and give examples.
- What is secondary data?
- Define constant with an example.
- Given $D = X - 2025$, $\sum fD = -10750$, $\sum f = 500$ Find Arithmetic mean.
- Name different averages and define one of them.
- Give two properties of Arithmetic mean.
- Define Mode with an example.
- Arithmetic Mean of 5 values is 70. Find the sum of values.

3. Attempt any six parts.**6 × 2 = 12**

- What is classification?
- Define class marks.
- What is pie chart?
- Explain price index number.
- Define chain base method.
- Write down the formula of Fisher's Price Index Number.
- What is meant by combination?
- What is Probability?
- For any two events A and B

$$P(A) = \frac{2}{3}, \quad P(A \cup B) = \frac{7}{12} \quad \text{and} \quad P(A \cap B) = \frac{5}{12}, \quad \text{Find } P(B)$$

SECTION-II**NOTE:** Attempt any two questions.**2 × 8 = 16****4.(a)** Following are the number of mistakes made by 30 typist in a test:

5, 6, 0, 5, 8, 4, 3, 5, 7, 9, 4, 7, 8, 6, 8, 3, 2, 7, 1, 4, 5, 9, 6, 4, 5, 10, 5, 4, 9, 6

Make a frequency distribution taking one as the size of the interval.

(b) Draw a histogram for the following data:

Groups	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29
Frequency	10	15	30	20	5

5.(a) Calculate Arithmetic mean from the data given below:

Groups	1 - 10	11 - 20	21 - 30	31 - 40	41 - 50	51 - 60
Frequency	5	15	32	16	8	1

(b) Compute Median from the data given below:

Classes	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29
Frequency	5	7	15	6	2

6.(a) Construct chain indices for following data:

Year	Prices		
	Wheat	Rice	Maize
1940	2.8	10.5	2.7
1941	3.4	10.8	3.2
1942	3.6	10.6	3.5
1943	4.2	11.0	3.8

(b) Determine the probability of:**2 × 2 = 4**

- A sum 8 appears on tossing a pair of dice.
- A sum less than 7 appears on tossing a pair of dice.