

**BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.**  
**OBJECTIVE KEY FOR INTERMEDIATE 1st ANNUAL EXAMINATION, 2026**

Name of Subject: Business Statistics Group: Commerce

| Q. Nos      | Paper Code<br>4641 | Correct Answer       | Paper Code<br>4643 | Correct Answer       | Paper Code<br>4645 | Correct Answer       | Paper Code<br>4647 | Correct Answer       |
|-------------|--------------------|----------------------|--------------------|----------------------|--------------------|----------------------|--------------------|----------------------|
| 1           | D                  | Qualitative Variable | A                  | Uni-model            | C                  | Ideal Index          | A                  | 18                   |
| 2           | C                  | Stub                 | D                  | $P_{n-1}$            | A                  | $\frac{1}{2}$        | B                  | 90                   |
| 3           | D                  | 360°                 | C                  | Ideal Index          | C                  | Sample Space         | A                  | Uni-model            |
| 4           | A                  | 18                   | A                  | $\frac{1}{2}$        | D                  | Qualitative Variable | D                  | $P_{n-1}$            |
| 5           | B                  | 90                   | C                  | Sample Space         | C                  | Stub                 | C                  | Ideal Index          |
| 6           | A                  | Uni-model            | D                  | Qualitative Variable | D                  | 360°                 | A                  | $\frac{1}{2}$        |
| 7           | D                  | $P_{n-1}$            | C                  | Stub                 | A                  | 18                   | C                  | Sample Space         |
| 8           | C                  | Ideal Index          | D                  | 360°                 | B                  | 90                   | D                  | Qualitative Variable |
| 9           | A                  | $\frac{1}{2}$        | A                  | 18                   | A                  | Uni-model            | C                  | Stub                 |
| 10          | C                  | Sample Space         | B                  | 90                   | D                  | $P_{n-1}$            | D                  | 360°                 |
| 11          |                    |                      |                    |                      |                    |                      |                    |                      |
| 12          |                    |                      |                    |                      |                    |                      |                    |                      |
| 13          |                    |                      |                    |                      |                    |                      |                    |                      |
| 14          |                    |                      |                    |                      |                    |                      |                    |                      |
| 15          |                    |                      |                    |                      |                    |                      |                    |                      |
| 16          |                    |                      |                    |                      |                    |                      |                    |                      |
| 17          |                    |                      |                    |                      |                    |                      |                    |                      |
| 18          |                    |                      |                    |                      |                    |                      |                    |                      |
| 19          |                    |                      |                    |                      |                    |                      |                    |                      |
| 20          |                    |                      |                    |                      |                    |                      |                    |                      |
| Cross Check | A                  | B                    | C                  | D                    | A                  | B                    | C                  | D                    |
| Total       | 3                  | 1                    | 3                  | 3                    | 3                  | 1                    | 3                  | 3                    |

**سرٹیفکیٹ مابین فصیح سوالیہ پرچہ ابارنگ Key (Business Statistics)**

ہم نے مضمون BMBS پرچہ Commerce انٹرمیڈیٹ پرچہ 2026 کے Syllabus کے عین مطابق Set کیا 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 پرچہ Syllabus کے عین مطابق رشتہ 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 کے متعلق ہذا 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: 12-06-26

| S.# | Name                | Designation | Institution                                | Mobile No    | Signature     |
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| 5   |                     |             |                                            |              |               |

|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|
| <b>2026 (1<sup>st</sup>-A) INTERMEDIATE PART-II (12<sup>th</sup> Class)</b>                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Roll No: _____           |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>BUSINESS STATISTICS (COMMERCE GROUP) PAPER-II</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>TIME ALLOWED: 1.45 Hours</b>                                                                              | <b>SUBJECTIVE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>MAXIMUM MARKS: 40</b> |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>NOTE: Write same question number and its parts number on answer book, as given in the question paper.</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>SECTION-I</b>                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>2. Write answers of any six parts.</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>6 × 2 = 12</b>        |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (i)                                                                                                          | Define attribute by giving examples.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (ii)                                                                                                         | Give two sources of secondary data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (iii)                                                                                                        | Distinguish between Constant and Variable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (iv)                                                                                                         | Name two Quantitative Variables.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (v)                                                                                                          | Find Arithmetic Mean given that $x = 10 + 5u$ , $\sum fu = 46$ and $n = 125$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (vi)                                                                                                         | Write two merits of Median.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (vii)                                                                                                        | Given that $n_1 = 10$ , $n_2 = 15$ , $\bar{X}_1 = 25$ , $\bar{X}_2 = 20$ Find Combined Mean.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (viii)                                                                                                       | Write down empirical relation between Mean, Median and Mode.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (ix)                                                                                                         | Differentiate between Uni-model and Bi-model distribution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>3. Write answers of any six parts.</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>6 × 2 = 12</b>        |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (i)                                                                                                          | Define frequency distribution.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (ii)                                                                                                         | Distinguish between histogram and historigram.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (iii)                                                                                                        | Write the name of two parts of statistical table.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (iv)                                                                                                         | What do you understand by base period and how it is selected?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (v)                                                                                                          | Given $\sum p_n q_n = 1600$ , $\sum p_o q_n = 1400$ , then find Paasche's index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (vi)                                                                                                         | Define chain base method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (vii)                                                                                                        | What is an event?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (viii)                                                                                                       | Make sample space, when a fair die is rolled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (ix)                                                                                                         | What is the probability of getting head in a tossing of a coin?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>SECTION-II</b>                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| <b>NOTE: Write answers of any two questions.</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>2 × 8 = 16</b>        |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 4.(a)                                                                                                        | <p>Marks obtained by 30 students in a class test are as under:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>15</td><td>04</td><td>16</td><td>18</td><td>22</td><td>23</td><td>10</td></tr> <tr> <td>05</td><td>12</td><td>15</td><td>18</td><td>13</td><td>05</td><td>21</td></tr> <tr> <td>08</td><td>02</td><td>15</td><td>14</td><td>18</td><td>08</td><td>20</td></tr> <tr> <td>09</td><td>07</td><td>14</td><td>11</td><td>14</td><td>10</td><td>17</td></tr> <tr> <td>19</td><td>15</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Construct a frequency distribution, taking a class interval of size 5 e.b. 00 – 04, 05 – 09 etc.</p> | 15                       | 04        | 16        | 18        | 22        | 23        | 10        | 05      | 12        | 15 | 18 | 13 | 05 | 21 | 08 | 02 | 15 | 14 | 18 | 08 | 20 | 09 | 07 | 14 | 11 | 14 | 10 | 17 | 19 | 15 |  |  |  |  |  |
| 15                                                                                                           | 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16                       | 18        | 22        | 23        | 10        |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 05                                                                                                           | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                       | 18        | 13        | 05        | 21        |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 08                                                                                                           | 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 15                       | 14        | 18        | 08        | 20        |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 09                                                                                                           | 07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14                       | 11        | 14        | 10        | 17        |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 19                                                                                                           | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (b)                                                                                                          | <p>Draw a histogram for the following frequency distribution:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Classes</td><td>1 – 10</td><td>11 – 20</td><td>21 – 30</td><td>31 – 40</td><td>41 – 50</td></tr> <tr> <td><math>f</math></td><td>03</td><td>14</td><td>25</td><td>18</td><td>09</td></tr> </table>                                                                                                                                                                                                                                                                                                                                          | Classes                  | 1 – 10    | 11 – 20   | 21 – 30   | 31 – 40   | 41 – 50   | $f$       | 03      | 14        | 25 | 18 | 09 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Classes                                                                                                      | 1 – 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11 – 20                  | 21 – 30   | 31 – 40   | 41 – 50   |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| $f$                                                                                                          | 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14                       | 25        | 18        | 09        |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 5.(a)                                                                                                        | <p>The weight of 50 students at a college are given in the following table:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Weight</td><td>96 – 110</td><td>111 – 125</td><td>126 – 140</td><td>141 – 155</td><td>156 – 170</td></tr> <tr> <td>Frequency</td><td>5</td><td>10</td><td>12</td><td>11</td><td>13</td></tr> </table> <p>Find Arithmetic mean.</p>                                                                                                                                                                                                                                                                                            | Weight                   | 96 – 110  | 111 – 125 | 126 – 140 | 141 – 155 | 156 – 170 | Frequency | 5       | 10        | 12 | 11 | 13 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Weight                                                                                                       | 96 – 110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 111 – 125                | 126 – 140 | 141 – 155 | 156 – 170 |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Frequency                                                                                                    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10                       | 12        | 11        | 13        |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (b)                                                                                                          | <p>Find mode of the following data:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Classes</td><td>0 – 10</td><td>10 – 20</td><td>20 – 30</td><td>30 – 40</td><td>40 – 50</td><td>50 – 60</td><td>60 – 70</td></tr> <tr> <td>Frequency</td><td>10</td><td>13</td><td>17</td><td>19</td><td>22</td><td>18</td><td>14</td></tr> </table>                                                                                                                                                                                                                                                                                                                   | Classes                  | 0 – 10    | 10 – 20   | 20 – 30   | 30 – 40   | 40 – 50   | 50 – 60   | 60 – 70 | Frequency | 10 | 13 | 17 | 19 | 22 | 18 | 14 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Classes                                                                                                      | 0 – 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 – 20                  | 20 – 30   | 30 – 40   | 40 – 50   | 50 – 60   | 60 – 70   |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Frequency                                                                                                    | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 13                       | 17        | 19        | 22        | 18        | 14        |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| 6.(a)                                                                                                        | <p>Compute the chain indices from the following data:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Years</td><td>1990</td><td>1991</td><td>1992</td><td>1993</td><td>1994</td><td>1995</td><td>1996</td></tr> <tr> <td>Prices</td><td>20</td><td>18</td><td>23</td><td>24</td><td>25</td><td>27</td><td>28</td></tr> </table>                                                                                                                                                                                                                                                                                                                          | Years                    | 1990      | 1991      | 1992      | 1993      | 1994      | 1995      | 1996    | Prices    | 20 | 18 | 23 | 24 | 25 | 27 | 28 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Years                                                                                                        | 1990                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1991                     | 1992      | 1993      | 1994      | 1995      | 1996      |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| Prices                                                                                                       | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18                       | 23        | 24        | 25        | 27        | 28        |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |
| (b)                                                                                                          | <p>In a single throw of a fair die. What is the probability of getting?</p> <p>(i) An odd number      (ii) A number 6</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                          |           |           |           |           |           |           |         |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |

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| PAPER CODE: 4641                              |                                                                                                                                                                                                                                                                                                              | 2026 (1 <sup>st</sup> -A) |                       | Roll No:          |                        |
| INTERMEDIATE PART-II (12 <sup>th</sup> Class) |                                                                                                                                                                                                                                                                                                              |                           |                       |                   |                        |
| 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                                             | Data related to attributes are called:                                                                                                                                                                                                                                                                       | Constant                  | Continuous variable   | Discrete variable | Qualitative variable   |
| 2                                             | The part of table containing row captions is called:                                                                                                                                                                                                                                                         | Title                     | Body                  | Stub              | Box head               |
| 3                                             | Total angle of a pie-chart is:                                                                                                                                                                                                                                                                               | 180°                      | 300°                  | 330°              | 360°                   |
| 4                                             | If $\sum(x-20) = 25$ ,<br>$\sum(x-18) = 0$ then $\bar{X}$ is:                                                                                                                                                                                                                                                | 18                        | 20                    | 25                | 50                     |
| 5                                             | Mean of a symmetrical distribution is 90, what will be value of median?                                                                                                                                                                                                                                      | 80                        | 90                    | 100               | 150                    |
| 6                                             | A data having single mode is:                                                                                                                                                                                                                                                                                | Uni-model                 | Bi-model              | Tri-model         | Multi-model            |
| 7                                             | Link relative can be obtained by dividing $P_n$ by:                                                                                                                                                                                                                                                          | $q_o$                     | $q_{n-1}$             | $P_o$             | $P_{n-1}$              |
| 8                                             | Fisher's Index Number is:                                                                                                                                                                                                                                                                                    | Base year weighted        | Current year weighted | Ideal index       | Previous year weighted |
| 9                                             | A fair coin is tossed, then Pr(Head) is:                                                                                                                                                                                                                                                                     | $\frac{1}{2}$             | 1                     | $\frac{1}{6}$     | $\frac{1}{36}$         |
| 10                                            | The set of all possible outcomes of random experiment is called:                                                                                                                                                                                                                                             | Null set                  | Empty                 | Sample space      | Impossible             |

|                                               |                                                                                                                                                                                                                                                                                                              |                           |                       |                   |                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|-------------------|------------------------|
| PAPER CODE: 4643                              |                                                                                                                                                                                                                                                                                                              | 2026 (1 <sup>st</sup> -A) |                       | Roll No: _____    |                        |
| INTERMEDIATE PART-II (12 <sup>th</sup> Class) |                                                                                                                                                                                                                                                                                                              |                           |                       |                   |                        |
| 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 data having single mode is:                                                                                                                                                                                                                                                                                | Uni-model                 | Bi-model              | Tri-model         | Multi-model            |
| 2                                             | Link relative can be obtained by dividing $P_n$ by:                                                                                                                                                                                                                                                          | $q_o$                     | $q_{n-1}$             | $P_o$             | $P_{n-1}$              |
| 3                                             | Fisher's Index Number is:                                                                                                                                                                                                                                                                                    | Base year weighted        | Current year weighted | Ideal index       | Previous year weighted |
| 4                                             | A fair coin is tossed, then Pr(Head) is:                                                                                                                                                                                                                                                                     | $\frac{1}{2}$             | $\frac{1}{4}$         | $\frac{1}{6}$     | $\frac{1}{36}$         |
| 5                                             | The set of all possible outcomes of random experiment is called:                                                                                                                                                                                                                                             | Null set                  | Empty                 | Sample space      | Impossible             |
| 6                                             | Data related to attributes are called:                                                                                                                                                                                                                                                                       | Constant                  | Continuous variable   | Discrete variable | Qualitative variable   |
| 7                                             | The part of table containing row captions is called:                                                                                                                                                                                                                                                         | Title                     | Body                  | Stub              | Box head               |
| 8                                             | Total angle of a pie-chart is:                                                                                                                                                                                                                                                                               | $180^\circ$               | $300^\circ$           | $330^\circ$       | $360^\circ$            |
| 9                                             | If $\sum(x - 20) = 25$ ,<br>$\sum(x - 18) = 0$ then $\bar{X}$ is:                                                                                                                                                                                                                                            | 18                        | 20                    | 25                | 50                     |
| 10                                            | Mean of a symmetrical distribution is 90, what will be value of median?                                                                                                                                                                                                                                      | 80                        | 90                    | 100               | 150                    |

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|                                               |                                                                                                                                                                                                                                                                                                              |                                               |                       |                   |                        |
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| PAPER CODE: 4645                              |                                                                                                                                                                                                                                                                                                              | 2026 (1 <sup>st</sup> -A)                     |                       | Roll No: _____    |                        |
|                                               |                                                                                                                                                                                                                                                                                                              | INTERMEDIATE PART-II (12 <sup>th</sup> Class) |                       |                   |                        |
| 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                                             | Fisher's Index Number is:                                                                                                                                                                                                                                                                                    | Base year weighted                            | Current year weighted | Ideal index       | Previous year weighted |
| 2                                             | A fair coin is tossed, then Pr(Head) is:                                                                                                                                                                                                                                                                     | $\frac{1}{2}$                                 | 1                     | $\frac{1}{6}$     | $\frac{1}{36}$         |
| 3                                             | The set of all possible outcomes of random experiment is called:                                                                                                                                                                                                                                             | Null set                                      | Empty                 | Sample space      | Impossible             |
| 4                                             | Data related to attributes are called:                                                                                                                                                                                                                                                                       | Constant                                      | Continuous variable   | Discrete variable | Qualitative variable   |
| 5                                             | The part of table containing row captions is called:                                                                                                                                                                                                                                                         | Title                                         | Body                  | Stub              | Box head               |
| 6                                             | Total angle of a pie-chart is:                                                                                                                                                                                                                                                                               | 180°                                          | 300°                  | 330°              | 360°                   |
| 7                                             | If $\sum(x - 20) = 25$ ,<br>$\sum(x - 18) = 0$ then $\bar{X}$ is:                                                                                                                                                                                                                                            | 18                                            | 20                    | 25                | 50                     |
| 8                                             | Mean of a symmetrical distribution is 90, what will be value of median?                                                                                                                                                                                                                                      | 80                                            | 90                    | 100               | 150                    |
| 9                                             | A data having single mode is:                                                                                                                                                                                                                                                                                | Uni-model                                     | Bi-model              | Tri-model         | Multi-model            |
| 10                                            | Link relative can be obtained by dividing $P_o$ by:                                                                                                                                                                                                                                                          | $q_o$                                         | $q_{n-1}$             | $P_o$             | $P_{n-1}$              |

|                                               |                                                                                                                                                                                                                                                                                                              |                           |                       |                   |                        |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|-------------------|------------------------|
| PAPER CODE: 4647                              |                                                                                                                                                                                                                                                                                                              | 2026 (1 <sup>st</sup> -A) |                       | Roll No:          |                        |
| INTERMEDIATE PART-II (12 <sup>th</sup> Class) |                                                                                                                                                                                                                                                                                                              |                           |                       |                   |                        |
| 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                                             | If $\sum(x - 20) = 25$ ,<br>$\sum(x - 18) = 0$ then $\bar{X}$ is:                                                                                                                                                                                                                                            | 18                        | 20                    | 25                | 50                     |
| 2                                             | Mean of a symmetrical distribution is 90, what will be value of median?                                                                                                                                                                                                                                      | 80                        | 90                    | 100               | 150                    |
| 3                                             | A data having single mode is:                                                                                                                                                                                                                                                                                | Uni-model                 | Bi-model              | Tri-model         | Multi-model            |
| 4                                             | Link relative can be obtained by dividing $P_n$ by:                                                                                                                                                                                                                                                          | $q_o$                     | $q_{n-1}$             | $P_o$             | $P_{n-1}$              |
| 5                                             | Fisher's Index Number is:                                                                                                                                                                                                                                                                                    | Base year weighted        | Current year weighted | Ideal index       | Previous year weighted |
| 6                                             | A fair coin is tossed, then Pr(Head) is:                                                                                                                                                                                                                                                                     | $\frac{1}{2}$             | 1                     | $\frac{1}{6}$     | $\frac{1}{36}$         |
| 7                                             | The set of all possible outcomes of random experiment is called:                                                                                                                                                                                                                                             | Null set                  | Empty                 | Sample space      | Impossible             |
| 8                                             | Data related to attributes are called:                                                                                                                                                                                                                                                                       | Constant                  | Continuous variable   | Discrete variable | Qualitative variable   |
| 9                                             | The part of table containing row captions is called:                                                                                                                                                                                                                                                         | Title                     | Body                  | Stub              | Box head               |
| 10                                            | Total angle of a pie-chart is:                                                                                                                                                                                                                                                                               | 180°                      | 300°                  | 330°              | 360°                   |