

**GOVERNMENT OF KARNATAKA  
KARNATAKA SCHOOL EXAMINATION AND ASSESSMENT BOARD**

**SUBJECT: STATISTICS (31)**

**BLUE PRINT FOR THE MODEL QUESTION PAPER-3 ( 2024-25)**

**CLASS: II PUC**

| Section      | Question type |                                         | Number of questions | Marks         | Question numbers |
|--------------|---------------|-----------------------------------------|---------------------|---------------|------------------|
| A            | I             | MCQ/ Choose the most appropriate answer | 05/05               | 05/05         | 01 to 05         |
|              | II            | Fill in the blanks                      | 05/05               | 05/05         | 06 to 10         |
|              | III           | Match the following                     | 1*/1*               | 05/05         | 11*              |
|              | IV            | VSA: Very Short Answer                  | 05/05               | 05/05         | 12 to 16         |
| B            | V             | SA: Short Answer                        | 05/08               | 10/16         | 17 to 24         |
| C            | VI            | LA: Long Answer                         | 04/07               | 20/35         | 25 to 31         |
|              | VII           | LA: Long Answer                         | 02/04               | 10/20         | 32 to 35         |
| D            | VIII          | ET: Essay Type                          | 02/03               | 20/30         | 36 to 38         |
| <b>Total</b> |               |                                         | <b>29/38</b>        | <b>80/121</b> |                  |

| Unit/ Chapter            |                                          | No. of hours | Marks      | Remember     |            |            |             | Understand  |            |            |             | Application |            |            |             | HOTS       |            |            |             | Total        |            |            |             |
|--------------------------|------------------------------------------|--------------|------------|--------------|------------|------------|-------------|-------------|------------|------------|-------------|-------------|------------|------------|-------------|------------|------------|------------|-------------|--------------|------------|------------|-------------|
|                          |                                          |              |            | OA           | SA         | LA         | ET          | OA          | SA         | LA         | ET          | OA          | SA         | LA         | ET          | OA         | SA         | LA         | ET          | OA           | SA         | LA         | ET          |
| <b>Revision</b>          |                                          | <b>05</b>    | <b>-</b>   | <b>(1)</b>   | <b>(2)</b> | <b>(5)</b> | <b>(10)</b> | <b>(1)</b>  | <b>(2)</b> | <b>(5)</b> | <b>(10)</b> | <b>(1)</b>  | <b>(2)</b> | <b>(5)</b> | <b>(10)</b> | <b>(1)</b> | <b>(2)</b> | <b>(5)</b> | <b>(10)</b> | <b>(1)</b>   | <b>(2)</b> | <b>(5)</b> | <b>(10)</b> |
| <b>I</b>                 | <b>Vital Statistics</b>                  | <b>10</b>    | <b>13</b>  | 2            | -          | -          | 1           | 1*          | -          | -          | -           | -           | -          | -          | -           | -          | -          | -          | -           | 2+1*         | -          | -          | 1           |
| <b>II</b>                | <b>Index Numbers</b>                     | <b>15</b>    | <b>18</b>  | 2            | -          | 1          | -           | 1*          | -          | -          | 1           | -           | -          | -          | -           | -          | -          | -          | -           | 2+1*         | -          | 1          | 1           |
| <b>III</b>               | <b>Time Series</b>                       | <b>12</b>    | <b>13</b>  | -            | 1          | -          | -           | 1           | -          | -          | -           | -           | -          | -          | -           | -          | -          | -          | 1           | 1            | 1          | -          | 1           |
| <b>IV</b>                | <b>Interpolation &amp; Extrapolation</b> | <b>08</b>    | <b>07</b>  | -            | -          | 1          | -           | -           | 1          | -          | -           | -           | -          | -          | -           | -          | -          | -          | -           | -            | 1          | 1          | -           |
| <b>V</b>                 | <b>Theoretical Distributions</b>         | <b>22</b>    | <b>23</b>  | 2+1*         | -          | 1          | -           | 1           | 2          | 1          | -           | -           | -          | 1          | -           | -          | -          | -          | -           | 3+1*         | 2          | 3          | -           |
| <b>VI</b>                | <b>Statistical Inference</b>             | <b>20</b>    | <b>18</b>  | 1+1*         | 1          | -          | -           | 1           | 1          | 1          | -           | -           | -          | -          | -           | 1          | -          | -          | -           | 3+1*         | 2          | 2          | -           |
| <b>VII</b>               | <b>Statistical Quality Control</b>       | <b>08</b>    | <b>08</b>  | 1            | -          | -          | -           | -           | 1          | -          | -           | -           | -          | -          | -           | -          | -          | 1          | -           | 1            | 1          | 1          | -           |
| <b>VIII</b>              | <b>Operations Research</b>               | <b>20</b>    | <b>21</b>  | 2            | -          | 1          | -           | 1+1*        | 1          | 1          | -           | -           | -          | 1          | -           | -          | -          | 1          | -           | 3+1*         | 1          | 3          | -           |
| <b>Total</b>             |                                          | <b>120</b>   | <b>121</b> | <b>10+1*</b> | <b>2</b>   | <b>4</b>   | <b>1</b>    | <b>4+1*</b> | <b>6</b>   | <b>3</b>   | <b>1</b>    | <b>0</b>    | <b>0</b>   | <b>2</b>   | <b>0</b>    | <b>1</b>   | <b>0</b>   | <b>2</b>   | <b>1</b>    | <b>15+1*</b> | <b>8</b>   | <b>11</b>  | <b>3</b>    |
| <b>Total Marks</b>       |                                          |              |            | <b>12</b>    | <b>4</b>   | <b>20</b>  | <b>10</b>   | <b>7</b>    | <b>12</b>  | <b>15</b>  | <b>10</b>   | <b>0</b>    | <b>0</b>   | <b>10</b>  | <b>0</b>    | <b>1</b>   | <b>0</b>   | <b>10</b>  | <b>10</b>   | <b>20</b>    | <b>16</b>  | <b>55</b>  | <b>30</b>   |
| <b>Grand Total Marks</b> |                                          |              |            | <b>46</b>    |            |            |             | <b>44</b>   |            |            |             | <b>10</b>   |            |            |             | <b>21</b>  |            |            |             | <b>121</b>   |            |            |             |
| <b>Percentage</b>        |                                          |              |            | <b>38%</b>   |            |            |             | <b>36%</b>  |            |            |             | <b>8%</b>   |            |            |             | <b>18%</b> |            |            |             | <b>100</b>   |            |            |             |

Note: \* In the OA, question number 11 has 5 sub questions; each sub question carries 1 mark.