

**INSTRUCTIONS FOR PREPARATION OF EXAM PAPER OF SMART  
SYLLABUS (ALP) OF MATHEMATICS GRADE-11  
FOR ANNUAL EXAM-2026**

The paper of Mathematics for Grade-11 will carry 100 marks.

Objective Type = 20 + Subjective Type = 80 marks.

Timing of the paper will be 3 hours.

(Objective Type = 30 minutes + Subjective Type = 2:30 hours)

All questions will be selected from the entire content of Mathematics-11 textbook. The paper will be made as per following details:

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |           |           |           |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|-----------|-----------|-----------|---------------------------------|---------------------------------|-----------|-----------|-----------|-------------------|-----------|-------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| <b>Objective:</b>               | <p><b>Q-1:</b> 20 Multiple Choice Questions from entire content of the textbook. The detail is as follows:</p> <table><tr><td><b>Unit No.</b></td><td><b>1</b></td><td><b>2</b></td><td><b>3</b></td><td><b>4</b></td><td><b>5</b></td><td><b>6</b></td><td><b>7</b></td><td><b>9</b></td><td><b>10</b></td><td><b>11</b></td><td><b>12</b></td><td><b>13</b></td><td><b>14</b></td></tr><tr><td>No. of MCQs</td><td>2</td><td>1</td><td>1</td><td>2</td><td>1</td><td>2</td><td>2</td><td>1</td><td>2</td><td>1</td><td>1</td><td>2</td><td>2</td></tr></table> | <b>Unit No.</b> | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>                        | <b>6</b>                        | <b>7</b>  | <b>9</b>  | <b>10</b> | <b>11</b>         | <b>12</b> | <b>13</b>         | <b>14</b> | No. of MCQs | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | <b>1 × 20 = 20</b> |
| <b>Unit No.</b>                 | <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>2</b>        | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>                        | <b>9</b>                        | <b>10</b> | <b>11</b> | <b>12</b> | <b>13</b>         | <b>14</b> |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| No. of MCQs                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1               | 1         | 2         | 1         | 2         | 2                               | 1                               | 2         | 1         | 1         | 2                 | 2         |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| <b>Part-I:</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |           |           |           |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| <b>Subjective:</b>              | <p>This section contains three short questions from entire content of the textbook. The details are as follows:</p> <p><b>Q-2:</b> 8 short answer questions have to be answered out of 12. The detail is as follows:</p> <table><tr><td><b>Unit No.</b></td><td><b>1</b></td><td><b>2</b></td><td><b>3</b></td><td><b>4</b></td><td><b>5</b></td></tr><tr><td>No. of Short Questions per unit</td><td>4</td><td>2</td><td>2</td><td>3</td><td>1</td></tr></table>                                                                                                | <b>Unit No.</b> | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>                        | No. of Short Questions per unit | 4         | 2         | 2         | 3                 | 1         | <b>2 × 8 = 16</b> |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| <b>Unit No.</b>                 | <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>2</b>        | <b>3</b>  | <b>4</b>  | <b>5</b>  |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| No. of Short Questions per unit | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2               | 2         | 3         | 1         |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
|                                 | <p><b>Q-3:</b> 8 short answer questions have to be answered out of 12. The detail is as follows:</p> <table><tr><td><b>Unit No.</b></td><td><b>6</b></td><td><b>7</b></td><td><b>9</b></td><td><b>10</b></td></tr><tr><td>No. of Short Questions per unit</td><td>4</td><td>3</td><td>2</td><td>3</td></tr></table>                                                                                                                                                                                                                                              | <b>Unit No.</b> | <b>6</b>  | <b>7</b>  | <b>9</b>  | <b>10</b> | No. of Short Questions per unit | 4                               | 3         | 2         | 3         | <b>2 × 8 = 16</b> |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| <b>Unit No.</b>                 | <b>6</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>7</b>        | <b>9</b>  | <b>10</b> |           |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| No. of Short Questions per unit | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3               | 2         | 3         |           |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
|                                 | <p><b>Q-4:</b> 9 short answer questions have to be answered out of 13. The detail is as follows:</p> <table><tr><td><b>Unit No.</b></td><td><b>11</b></td><td><b>12</b></td><td><b>13</b></td><td><b>14</b></td></tr><tr><td>No. of Short Questions per unit</td><td>2</td><td>3</td><td>4</td><td>4</td></tr></table>                                                                                                                                                                                                                                           | <b>Unit No.</b> | <b>11</b> | <b>12</b> | <b>13</b> | <b>14</b> | No. of Short Questions per unit | 2                               | 3         | 4         | 4         | <b>2 × 9 = 18</b> |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| <b>Unit No.</b>                 | <b>11</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>12</b>       | <b>13</b> | <b>14</b> |           |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |
| No. of Short Questions per unit | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3               | 4         | 4         |           |           |                                 |                                 |           |           |           |                   |           |                   |           |             |   |   |   |   |   |   |   |   |   |   |   |   |   |                    |

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| <p><b>Part-II:</b></p> <p><b>Subjective:</b></p> | <p>This section contains five long questions from the entire content of the textbook. Each question carries 10 marks. These questions will be bifurcated in two-parts <b>a &amp; b</b> (carrying 5 marks each). Students must attempt any three questions. The details are as follows:</p> <p><b>Q-5:</b></p> <p>(a) One long question will be asked from unit 1.</p> <p>(b) One long question will be asked either from unit 2 or unit 3.</p> <p><b>Q-6:</b></p> <p>(a) One long question will be asked from unit 4.</p> <p>(b) One long question will be asked either from unit 5 or unit 9.</p> <p><b>Q-7:</b></p> <p>(a) One long question will be asked from unit 6.</p> <p>(b) One long question will be asked from unit 7.</p> <p><b>Q-8:</b></p> <p>(a) One long question will be asked from unit 10.</p> <p>(b) One long question will be asked from unit 12.</p> <p><b>Q-9:</b></p> <p>(a) One long question will be asked from unit 13.</p> <p>(b) One long question will be asked from unit 14.</p> | <p><b>3 × (5 + 5)</b><br/><b>= 30</b></p> |
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