Punjab Education, Curriculum, Training & Assessment Authority

INSTRUCTIONS FOR PREPARATION OF EXAM PAPER OF SMART SYLLABUS (ALP) OF MATHEMATICS GRADE-11 FOR ANNUAL EXAM-2027

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:

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

Part-II: **Subjective:**	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 **a & b** (carrying 5 marks each). Students must attempt any three questions. The details are as follows: **Q-5:** **(a)** One long question will be asked from unit 1. **(b)** One long question will be asked either from unit 2 or unit 3. **Q-6:** **(a)** One long question will be asked from unit 4. **(b)** One long question will be asked either from unit 5 or unit 9. **Q-7:** **(a)** One long question will be asked from unit 6. **(b)** One long question will be asked from unit 7. **Q-8:** **(a)** One long question will be asked from unit 10. **(b)** One long question will be asked from unit 12. **Q-9:** **(a)** One long question will be asked from unit 13. **(b)** One long question will be asked from unit 14.	**3 × (5 + 5) = 30**