INSTRUCTIONS AND INFORMATION

1. This question paper consists of FOUR questions.
2. Answer ALL the questions.
3. ALL drawings are in first-angle orthographic projection, unless stated otherwise.
4. ALL drawings must be drawn to scale 1 : 1, unless stated otherwise.
5. ALL the questions must be answered on the QUESTION PAPER as instructed.
6. ALL the pages must be restapled in numerical sequence, irrespective of whether the question was attempted.
7. Time management is essential in order to complete all the questions.
8. Print your examination number in the block provided on every page.
9. Any details or dimensions not given, must be assumed in good proportion.
10. ALL answers must be drawn accurately and neatly.

COMPLETE THE FOLLOWING:

CENTRE NUMBER

EXAMINATION NUMBER

FINAL CONVERTED MARK

CHECKED BY

100

Please turn over
<table>
<thead>
<tr>
<th>Score</th>
<th>Task</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Score 2.0/5.0 for the solution of the quadratic equation $ax^2 + bx + c = 0$.</td>
</tr>
<tr>
<td>2</td>
<td>1.1</td>
<td>The complete top view using point D as the reference point, showing the crown piece.</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>The complete front view showing the crown piece.</td>
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<tr>
<td>4</td>
<td>3.1</td>
<td>Develop the skyline of the conical section.</td>
</tr>
<tr>
<td>5</td>
<td>3.2</td>
<td>Develop the skyline of the conical section.</td>
</tr>
</tbody>
</table>

Assessment Criteria:

- [ ] Show all necessary construction and calculations.

Instructions:

- Score 0.5/1.0 for the necessary construction and calculations.
- Score 1.5/2.0 for the skyline of the conical section.
- Score 2.5/3.0 for the complete views.
- Score 3.5/4.0 for the complete views and skyline.
- Score 4.5/5.0 for all required views and calculations.

DEVELOPMENT QUESTION 2: INTERPRETATION AND DEVELOPMENT
NO hidden detail is required.
- Show all necessary construction.
- Letters and labels are crowded together.
- A label in the drawing space with the portion line (HL).
- Complete the perspective drawing.

Instructions:
- SP - Section Plane
- CL - Clipping Line
- PL - Plane Line
- PP - Picture Plane

Required to draw a single-point perspective drawing.
Three views of a single-point perspective and the information.

Question: 3. Perspective