Solar System UT Invitational 2025

Section A (20 points)

| 1 | 5 | 9 | 13 | 17 |
|---|---|----|----|----|
| | | | 14 | |
| | | | 15 | |
| 4 | 8 | 12 | 16 | 20 |

Section B (80 points)

| 21 | | (b) |
|---------|----|--------|
| 22 | 27 | 7. (a) |
| 23. (a) | | (b) |
| (b) | | |
| 24. (a) | | |
| (b) | | (c) |
| (c) | | (d) |
| 25. (a) | | |
| (b) | | |
| (c) | | |
| | | 8. (a) |
| | | (b) |
| 26. (a) | 29 | 9. (a) |

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| | (b) | . 33. | (a) | |
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| | ` ' | | | |
| | , | • | (b) | |
| 30. | (a) | | | |
| | (b) | | | |
| | (c) | 34. | (a) | |
| 31. | (a) | | (b) | |
| | | | | |
| | , | 35. | (a) | |
| | | | (b) | |
| | | | | |
| | | 36. | (a) | |
| 32. | (a) | | | |
| | (b) | | | |
| | | | (c) | |
| | | 37. | (a) | |
| | (c) | | (b) | |
| | (1) | | | |

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Section C (54 points)

| 38. | (a) | |
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| | (b) | |
| | (D) | |
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| | () | |
| | (c) | |
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| 39. | (a) | |
| | | |
| | | |

(b)

| | (c) | (c) | |
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| | | | |
| | (d) | (d) | |
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| 40. | (a) | (a) | |
| | | | |
| | (b) | b) | |
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| (c) | | | |
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| (d) | | | |
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| (e) | | | |
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| (f) | | | |
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| (g) | |
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| (h) | |
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| 41. | |
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