**2nd National Abacus & Mental Arithmetic Competition 2007 Egypt**
**Model Competition Paper**

**C** **Basic**

# ZHUSUAN

Addition/ Subtraction (Abacus) - 加减珠算

| MARKS | = |
|---|---|

**Time Limit: 8 minutes** **100 questions, Each question 2 marks**

| No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 6 | 1 | 9 | 5 | 7 | 6 | 3 | 2 | 9 | 1 | 5 | 8 | 9 | 2 | 6 | 5 | 7 | 3 | 6 | 2 | 8 | 4 | 9 | 1 |
| 2 | 5 | 3 | 2 | -5 | 2 | -6 | 2 | 5 | 4 | -3 | 4 | -2 | 1 | -6 | 4 | -3 | 4 | -4 | 2 | -5 | 3 | 1 | 5 | -6 | 3 |
| 3 | 2 | -7 | 5 | 2 | 1 | 8 | 1 | -2 | 3 | 2 | 3 | 6 | 4 | 3 | 5 | 8 | 1 | 9 | 5 | 9 | 4 | -3 | 7 | 4 | 2 |
| ANS | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 7 | 4 | 1 | 3 | 8 | 5 | 9 | 6 | 1 | 3 | 5 | 8 | 6 | 7 | 4 | 3 | 9 | 6 | 5 | 3 | 7 | 4 | 8 | 9 |
| 2 | 4 | 8 | 3 | 4 | 2 | 9 | 1 | 7 | 2 | 5 | 8 | -4 | 7 | 5 | 1 | 9 | 2 | 8 | 3 | -2 | 9 | 2 | 5 | 9 | 3 |
| 3 | 9 | -1 | 5 | -2 | 1 | -4 | 3 | -2 | 5 | -3 | 1 | 7 | 4 | 8 | 3 | -3 | 4 | -2 | 8 | 4 | 2 | -3 | 9 | -4 | 1 |
| 4 | 3 | 2 | 1 | 9 | 5 | 3 | 6 | 1 | 4 | 8 | 2 | 9 | 3 | -7 | 4 | 8 | 5 | 3 | 4 | 9 | 1 | 5 | 8 | 2 | 4 |
| ANS | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 7 | 3 | 5 | 6 | 7 | 4 | 8 | 2 | 9 | 1 | 6 | 3 | 9 | 5 | 6 | 4 | 7 | 9 | 8 | 1 | 5 | 2 | 9 | 1 |
| 2 | 4 | -3 | 5 | -2 | 1 | -3 | 5 | -2 | 4 | 5 | 3 | 9 | 2 | 8 | 3 | 9 | 7 | -3 | 2 | -5 | 3 | -1 | 3 | -5 | 5 |
| 3 | 3 | 9 | 8 | 4 | 5 | 8 | 2 | 9 | 3 | -2 | 4 | -1 | 4 | -5 | 8 | -4 | 8 | 9 | 4 | 2 | 9 | 2 | 5 | 4 | 2 |
| 4 | 9 | -2 | 1 | -3 | 9 | -2 | 3 | -4 | 5 | 4 | 8 | 5 | 8 | 4 | 1 | 8 | 5 | -2 | 3 | -1 | 8 | -3 | 9 | -6 | 9 |
| 5 | 5 | 4 | 2 | 9 | 4 | 1 | 8 | 7 | 1 | -3 | 5 | -8 | 7 | -2 | 4 | -5 | 1 | 4 | 5 | 9 | 4 | 8 | 7 | 3 | 8 |
| ANS | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6 | 8 | 4 | 5 | 9 | 6 | 4 | 3 | 5 | 6 | 9 | 3 | 7 | 6 | 9 | 4 | 2 | 7 | 6 | 1 | 2 | 9 | 5 | 7 | 2 |
| 2 | 7 | -4 | 3 | -1 | 8 | -4 | 1 | 8 | 1 | -2 | 4 | 5 | 8 | 9 | 2 | 3 | 5 | 8 | 5 | 4 | 5 | -4 | 9 | -4 | 7 |
| 3 | 2 | 9 | 8 | 7 | 3 | 8 | 5 | 3 | 2 | 7 | 3 | -7 | 1 | -4 | 7 | -2 | 9 | -1 | 9 | -3 | 7 | 1 | 2 | 3 | 5 |
| 4 | 1 | -2 | 6 | 8 | 4 | 4 | 9 | -4 | 3 | -1 | 8 | 4 | 3 | 5 | 4 | 5 | 3 | 2 | 4 | 7 | 8 | -5 | 7 | -1 | 8 |
| 5 | 8 | 6 | 7 | -4 | 1 | 9 | 2 | 8 | 4 | 3 | 7 | -1 | 5 | -1 | 3 | 6 | 4 | -3 | 7 | -5 | 1 | 3 | 8 | 2 | 9 |
| 6 | 3 | 2 | 9 | 6 | 7 | -2 | 7 | 9 | 8 | 6 | 1 | 9 | 4 | 7 | 8 | 9 | 8 | 9 | 2 | 6 | 4 | 8 | 4 | 9 | 6 |
| ANS | | | | | | | | | | | | | | | | | | | | | | | | | |