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|-------------|--|
| TOTAL MARKS | |
|-------------|--|

**22ND UCMAS ABACUS & MENTAL ARITHMETIC
INTERNATIONAL COMPETITION 2017**

| | |
|-------|-------------|
| MARKS | X10= |
|-------|-------------|

Category: **B BASIC**
(AGE 7 & ABOVE)

ABACUS
Addition/ Subtraction

DATE: 10 DECEMBER 2017

VENUE: GICC, GENTING HIGHLAND, MALAYSIA

Time Limit: 8 Minutes

200 questions, each question carries 10 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 | 4 | 6 | 2 | 9 | 9 | 8 | 4 | 8 | 7 | 7 | 3 | 7 | 7 | 6 | 4 | 9 | 7 | 6 | / | 9 | 7 | 9 | 2 | 9 | 2 |
| 2 | 5 | -5 | 9 | -1 | 7 | -4 | 8 | -8 | 4 | -5 | 6 | 9 | 5 | -5 | 9 | 8 | / | -6 | 6 | 8 | 8 | -1 | 7 | -3 | 7 |
| 3 | 7 | 8 | 3 | 3 | 2 | 2 | 4 | 7 | 7 | 2 | 2 | -3 | 7 | 3 | / | -5 | 5 | 8 | 3 | -2 | 4 | 2 | / | / | 5 |
| 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 | 8 | 4 | 9 | 2 | 9 | 3 | 7 | 4 | 9 | 5 | 8 | 2 | 8 | 4 | 7 | 3 | 7 | 7 | 9 | / | 8 | 2 | 9 | 3 |
| 2 | 5 | 9 | 2 | 8 | 5 | 9 | 4 | -4 | 8 | / | 2 | -2 | 8 | -8 | 5 | -1 | 5 | 8 | 4 | 8 | 7 | 9 | 6 | 8 | 8 |
| 3 | / | -1 | 3 | -4 | 5 | -3 | 2 | 6 | 4 | 8 | 4 | 3 | / | 3 | / | 4 | 2 | -1 | / | 9 | / | -4 | 3 | -3 | / |
| 4 | 4 | 8 | 5 | 5 | 8 | 7 | 5 | 2 | 5 | -3 | 7 | / | 4 | 7 | 3 | 2 | 3 | 4 | 3 | -2 | 3 | / | 5 | 4 | 3 |
| 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 | 3 | 7 | 6 | 6 | 4 | 6 | 4 | 6 | 3 | 6 | 9 | 5 | 3 | 6 | 4 | 7 | / | 9 | / | 9 | / | 7 | 3 | 8 | 4 |
| 2 | 6 | -5 | 3 | -3 | 9 | -3 | / | -4 | 6 | -5 | 3 | -2 | 9 | -3 | 9 | 8 | 7 | 8 | 3 | 8 | 9 | -4 | 9 | 9 | 5 |
| 3 | 8 | 3 | 4 | 4 | 5 | 4 | 2 | 7 | 3 | 4 | 6 | 4 | 7 | 4 | 8 | -3 | 2 | -3 | 8 | -1 | 4 | 3 | 7 | -1 | 6 |
| 4 | 5 | -2 | 5 | -2 | 8 | -2 | 5 | -1 | 8 | -3 | 4 | -3 | 5 | -2 | 6 | / | 9 | 2 | 5 | 2 | 7 | -1 | 2 | 2 | 2 |
| 5 | 4 | / | 7 | / | 2 | 5 | 3 | 9 | / | 5 | 3 | / | 2 | 5 | / | -2 | 6 | -4 | 2 | -3 | 6 | 5 | 3 | -3 | 3 |
| 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 | 6 | 3 | 6 | 5 | 6 | / | 7 | 7 | 5 | 2 | 7 | 8 | 7 | 3 | 6 | 2 | 7 | 4 | 6 | 7 | 9 | 4 |
| 2 | 6 | -3 | 5 | -5 | 8 | -5 | 2 | -2 | 8 | -2 | 3 | -5 | 9 | -3 | 3 | -2 | 9 | -3 | 7 | -4 | 7 | -3 | 5 | -5 | 9 |
| 3 | 5 | 8 | 9 | 3 | 3 | 4 | 9 | 4 | 3 | 3 | 2 | 4 | 8 | 4 | 6 | 4 | 7 | 4 | 6 | 9 | 5 | 4 | / | 3 | 8 |
| 4 | 2 | -1 | / | -2 | 6 | -3 | 3 | -5 | 4 | -2 | 4 | -2 | / | -1 | 8 | -3 | 8 | -2 | 3 | 5 | 2 | -1 | 2 | -1 | 5 |
| 5 | 3 | 4 | 2 | 5 | 7 | / | 6 | 7 | 5 | 9 | 4 | 7 | 3 | 5 | 4 | / | 5 | / | 2 | -1 | 3 | 9 | 4 | 2 | 2 |
| Ans | | | | | | | | | | | | | | | | | | | | | | | | | |

**22ND UCMAS ABACUS & MENTAL ARITHMETIC
INTERNATIONAL COMPETITION 2017**

MARKS

X10=

Category: **B BASIC**
(AGE 7 & ABOVE)

ABACUS
Addition/ Subtraction

DATE: 10 DECEMBER 2017

VENUE: GICC, GENTING HIGHLAND, MALAYSIA

| No. | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | / | 9 | 8 | 5 | / | 7 | 2 | 6 | 3 | 8 | 3 | 9 | 4 | 9 | 8 | 9 | 2 | 7 | 5 | 7 | / | 7 | 3 | 9 | 3 |
| 2 | 5 | 8 | 4 | -2 | 7 | 9 | 7 | -3 | 9 | 7 | / | 5 | 6 | 7 | 5 | 4 | 9 | / | 4 | -3 | 8 | 8 | 9 | 8 | 9 |
| 3 | 2 | -/ | 2 | 3 | 9 | -/ | 5 | 4 | 6 | -3 | 8 | -2 | 2 | -2 | 6 | -3 | 5 | -2 | 9 | 4 | 5 | -/ | 8 | -/ | 2 |
| 4 | 7 | 2 | 7 | -2 | 3 | 3 | / | -/ | 3 | 2 | 6 | 4 | / | 4 | / | / | 4 | 3 | 2 | -/ | 3 | 3 | 4 | 2 | / |
| 5 | 4 | -6 | / | 5 | 4 | -2 | 3 | 5 | / | -/ | 4 | -/ | 6 | -3 | 7 | -/ | 8 | -/ | 5 | 2 | 4 | -2 | / | -3 | 4 |
| 6 | 3 | 3 | 5 | / | 5 | 4 | 8 | 8 | 2 | 2 | 7 | 3 | 5 | / | 9 | 8 | / | 8 | 3 | 5 | 2 | 4 | 2 | 5 | 2 |
| Ans | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 7 | 6 | 9 | 3 | 9 | / | 9 | 2 | 8 | 7 | 8 | / | 9 | 6 | 9 | / | 9 | 3 | 9 | 4 | 7 | 2 | 5 | 3 |
| 2 | 7 | -5 | 3 | 8 | 6 | 8 | 7 | 8 | 5 | 9 | 5 | 5 | 6 | -5 | 3 | 8 | 7 | 6 | 5 | -5 | 8 | -2 | 7 | -4 | 8 |
| 3 | 4 | 8 | 7 | -3 | / | -2 | 9 | -/ | / | -2 | 8 | -2 | 8 | 3 | 4 | -3 | 8 | -3 | 4 | 3 | 3 | 5 | 6 | 3 | 4 |
| 4 | / | 5 | / | 2 | 5 | / | 8 | 2 | 3 | 4 | 4 | 4 | 3 | -2 | 2 | / | 2 | / | 2 | -/ | 2 | 4 | / | -/ | / |
| 5 | 8 | -/ | 5 | -4 | 4 | -3 | 2 | -3 | 2 | -/ | 3 | -3 | 9 | / | 5 | -4 | 9 | -3 | / | 2 | 9 | -2 | 2 | 7 | 2 |
| 6 | 5 | 6 | 9 | 5 | 2 | 4 | 3 | 4 | 6 | 3 | 2 | 9 | 5 | 4 | 9 | 8 | 5 | 4 | 5 | 7 | 4 | 8 | 4 | 9 | 9 |
| Ans | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 4 | 7 | 6 | 6 | 4 | 7 | 2 | 5 | 4 | 9 | 5 | 7 | 2 | 7 | 3 | 9 | 2 | 7 | 5 | 7 | 2 | 7 | 7 | 7 | 3 |
| 2 | 7 | 9 | / | -4 | 9 | 8 | 5 | -4 | 5 | 7 | 2 | 8 | 6 | 8 | 4 | 8 | 7 | 9 | 2 | -5 | 9 | 9 | 5 | 8 | 8 |
| 3 | 8 | -/ | 5 | 7 | 8 | -/ | 2 | 7 | / | -/ | / | -2 | 8 | -/ | 2 | -/ | 5 | -2 | 4 | 4 | 3 | -3 | 4 | -3 | 4 |
| 4 | / | 2 | 3 | -2 | 4 | 2 | 4 | -/ | 3 | 4 | 3 | / | 4 | 4 | 3 | 2 | 6 | 4 | / | -2 | / | / | 9 | / | 2 |
| 5 | 7 | -3 | 4 | 5 | 2 | -3 | 8 | 5 | 9 | -2 | 4 | -2 | / | -2 | 6 | -4 | / | -6 | 3 | / | 2 | -2 | 5 | -2 | 5 |
| 6 | 8 | 7 | 6 | 9 | 5 | 6 | / | 2 | 6 | 5 | 2 | 3 | 3 | 5 | 9 | 5 | 7 | / | 5 | 3 | 4 | 6 | 8 | 5 | 7 |
| Ans | | | | | | | | | | | | | | | | | | | | | | | | | |

| No. | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | / | 6 | 3 | 9 | 3 | 9 | / | 7 | 3 | 7 | 2 | 8 | 4 | 6 | 9 | 9 | 3 | 8 | 4 | 7 | 4 | 6 | 6 | 5 | / |
| 2 | 6 | -5 | / | 7 | 6 | 8 | 8 | 9 | 9 | 9 | 8 | 9 | 5 | -3 | 5 | 7 | 5 | 9 | 3 | -4 | 6 | -2 | / | -3 | 8 |
| 3 | 2 | 4 | 4 | -/ | 7 | -/ | 9 | -/ | 6 | -/ | 6 | -2 | 3 | 4 | / | -3 | 8 | -/ | 8 | 3 | 8 | 3 | 4 | 7 | 5 |
| 4 | 3 | -3 | / | 2 | 4 | 2 | 3 | 2 | / | 2 | 2 | 4 | 2 | -2 | 4 | / | 4 | 2 | / | -/ | 4 | -5 | 5 | -/ | 7 |
| 5 | 4 | 8 | 5 | -3 | 8 | -3 | 5 | -3 | 2 | -/ | 5 | -3 | / | / | 3 | -3 | 2 | -3 | 2 | 5 | / | 2 | 3 | 4 | 3 |
| 6 | 2 | 6 | 6 | / | 5 | / | 2 | / | 4 | 5 | 3 | / | 5 | 3 | 2 | 5 | 7 | / | 5 | 6 | 8 | 9 | 2 | 2 | 4 |
| Ans | | | | | | | | | | | | | | | | | | | | | | | | | |