

Titan Genius Kidz National Arithmetic Championship 2009 – 10

Junior (6th and 7th Std)

Answer Keys

(1) Ans: 1245

(2) Ans: 23456

(3) Ans: 25.542

(4) Ans: 2059350

(5) Ans: 4781

(6) Ans: (a) 10 million

(b) 4 million

(c) Year 2000 (13 million to 26 million)

(d) 1920 (4 million)

(7) Ans: c) 90

(8) Ans: a) 32

(9) Ans: c) 36


(10) Ans: d) 0.6

(11) Ans: b) 5/14

(12) Ans: 1.365999 (0.009999 + 1.356 = 1.365999)

(13) Ans: e) 42.5 hrs (everyday he works for 8.5 hrs leaving out the breaks in-between)

(14) Ans: c) 41.40 $\{[(36 * 15)/100] + 36 = 41.40\}$

(15) Ans: a) 

(16) Ans: 24

(17) Ans: 109.8705

(18) Ans: 143 pages

(9 digits for pages 1 to 9, i.e., 9 pages

180 digits for pages 10 to 99, i.e., 90 pages

132 digits for pages 100 to 143, i.e., 44 pages

9 + 90 + 44 = 143 pages)

(19) Ans: 18

(20) Ans: c) $\frac{2}{5}$

(21) Ans: b) 28

(22) Ans: b) $\frac{2}{3}$

(23) Ans: 16

(24) Ans: 13th June or 14th June (Two months = 61 days. Subtract 17 or 16 days days in June)

(25) i) Ans: Black

ii) Ans: 207 black beads

(26) Ans: 9 digits (Quotient is 102030405)

(27) Ans: c) 42 (6 rows x 7 columns = 42 benches)

(28) Ans: a) Monday (1st May was Monday)

(29) Ans: e) 6

(30) Ans: 111 days (1+30+31+31+18)

(31) Ans: d) 8 (8 + 9 + 10 + 11 + 12 = 50)

(32) Ans: 8 kms / hr

(33) Ans: c) 4

(34) Ans: d) $\frac{1}{2}$

(35) Ans: a) 5

(36) Ans: 6253

(37) Answer = 10

(1 pine apple equals two pears hence three pine apples equal 6 pears
3 pears equal 5 apples hence 6 pears equal 10 apples
Therefore, 3 pine apples equal 10 apples)