

ANSWER KEY FOR
ARYABHATTA INTER-SCHOOL MATHS COMPETITION – 2006

Class - V

PART – 1 (Arithmetic)

1. 111215801
2. 95
3. 10.025
4. 1.00, 1.001, 1.01, 1.011, 1.11
5. $\frac{3}{4}$
6. 280 cm²
7. 4
8. 4
9. 200000 times
10. 1500ml
11. $\frac{225}{16}$
12. 24
13. 40
14. 11
15. 48
16. 517
17. 10 years 4 months
18. 106.5 kg
19. ₹ 289.75
20. ₹ 8
21. 4, 2 (other solutions are also possible)
22. 524 shirts
- 23.

(1) Train 3

NOTE: This answer key is created by KoolSmartLearning.com for reference purpose.

(2) Train 1

(3) Train 2

(4) Train 1

24. 10080

PART – B (Geometry)

1. (1) $\angle GDC$

(2) $\angle GFD$

(3) $\angle SRZ$

(4) $\angle FRZ$

(5) $\angle CDF$

(6) LJ

(7) MR

(8) 29

(9) 26

(10) 55°

(11) 55°

2. 20cm, 120°

3. (i) All the sides are perpendicular to each other, diagonals are equal

(ii) obtuse or right angles triangle

(iii) trapezium

(iv) 180°

(v) 60°

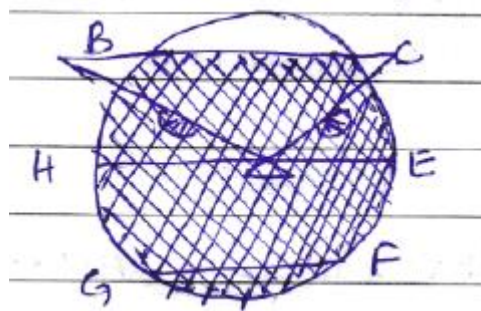
(vi) 9 cm^2

(vii) 257.5°

(viii) Diameter

(ix) 83°

4. (i) 4
 (ii) 3
 (iii) Arc BCDE
 (iv) HE
 (v) 1080°
 (vi) 540°
 (vii) MNOPIJKLM



(viii)

5. 18