

ANSWER KEY FOR
ARYABHATTA INTER-SCHOOL MATHS COMPETITION – 2011

Class - V

PART – 1 (Arithmetic)

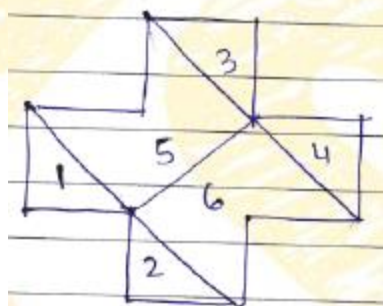
1. 48
2. 9
3. 150
4. 228
5. Cake slice and chewing gum
6. 1600
7. 3
8. 8 years 3 months
9. $\frac{1}{6}$
10. 4848
11. ₹ 129
12. 1080p
13. 78
14. 1683
15. $\frac{1}{4}$ m
16. 0.29
17. ₹ 3.35
18. 327, 654 & 981
19. 35
20. 6016 km
21. IV DC XXV
22. 76 kg
23. 17
24. (a) Bus 3

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

- (b) Bus 3
- (c) 9 hours 40 min for Bus 1
- (d) Bus 1

PART – B (Geometry)

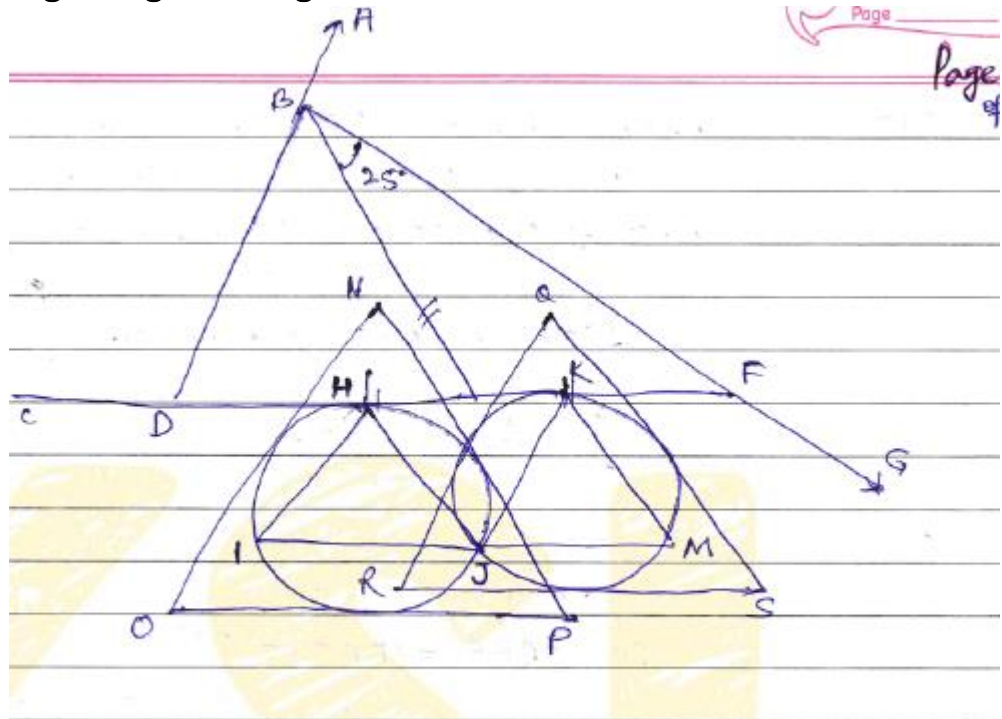
1. 40°
2. 15°
3. All angles of a square are 90° but it is not required for Rhombus
4. 10 cm
5. 55°
6. North East
7. 21 cm
8. 64
9. 36.5 cm
10. 10 cm
11. 80%



- 12.
13. 12
14. 26 cm^2
15. 6.75 cm
16. (i) EF perpendicular to FG
(ii) 7 sides figure (heptagon)
(iii) 845°

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

17. 120 cm
 18. (i) 65°
 (ii) 360°
 (iii) Right-angled triangle



ΔNOP and ΔQRS are twice as tall as ΔHIJ and ΔKJM

- (iv)
 (v) 6 chords - HI, IJ, HJ, KJ, KM, JM