

ANSWER KEY FOR
ARYABHATTA INTER-SCHOOL MATHS COMPETITION – 2020

Class - V

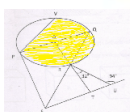
PART – 1

1. 8 & 24
2. $\frac{47}{4}$
3. 72
4. 9.994
5. 360
6. $\frac{27}{69}$
7. ₹ 17.5
8. 1.55 litre
9. 1200 m/min
10. 56
11. $\frac{243}{8}$
12. $\frac{1}{13}$
13. 16
14. MCMXVII
15. ₹ 618.9
16. 846.4 m
17. 44
18. ~40.29%
19. 47
20. 35 kg
21. 38
22. 300
23. 11 min

24. (a) Train B
 (b) Train B
 (c) Train B
 (d) Train C

PART – B

1. 79.8 m
2. South-East
3. 12*
4. 143.25 cm²
5. 55.065 cm
6. 1,2; 3,4 ; 5,6
7. 78 cm²
8. 81 litre**
9. (i) PQ
 (ii) 17°
 (iii) 341°



- (iv)
- (v) OT or PS
10. 36 or 81 cm² ***
11. (i) CD
 (ii) ∠ADC
 (iii) ABD or BCD
 (iv) ∠DEF
 (v) ∠ADE & ∠EDF or ∠ADC & ∠CDF
 (vi) 103°

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

(vii) 38.5°

* Answer can be 96 if we have to stack cuboids to form a cube

** All dimensions of tank should be in 'cm'

*** Mathematically both are possible answer but 81cm^2 may be more appropriate here based on the given figure.

K S L