



RAMAGYA SCHOOL,NOIDA

Session 2017-18

Class V – Mathematics

Olympiad Worksheet

CONCEPT BASED QUESTIONS

(1) The number of days left in the month of June are four times the number of days already passed. How many days have already passed in the month of June?

- a. 14 days b. 2 days c. 6 days d. 10 days

(2) Raj solved the problem as shown below. Which expression could be used to check his result?

$$8 \overline{)4423} \overline{)552}$$

Remainder: 7

- a. $(552 + 7) \times 8$ b. $(8 \times 552) + 7$ c. $(552 + 8) \times 7$ d. $(552 \times 7) + 8$

(3) Lovleen buys 150 tubelights, paying Rs. 14.25 for each tubelight. She decides to sell each tubelight for Rs. 15.25. How many tubelights does she have to sell at this price to completely cover her cost?

- a. 84 b. 148 c. 141 d. 147

APPLICATIONS BASED QUESTIONS

(4) The following table shows the number of mobile phones manufactured by two companies in 4 days.

Day	Company A	Company B
1	40	35
2	20	10
3	25	20
4	25	25

Which of the following statements is not true?

- a. In the last two days Company A manufactured more mobile phones than Company B.
b. In 4 days Company A manufactured fewer mobile phones than Company B.
c. In the first and last day together Company A manufactured more mobile phones than Company B.

d. In the first two days Company A manufactured more mobile phones than Company B.

(5) The table shows description of four Printers.

Printer	Specification
Printer 1	Prints 1 page every 2 seconds
Printer 2	Prints 114 pages per minute
Printer 3	Prints 108 pages per minute
Printer 4	Prints 2 pages per second

Which is the fastest?

- a. Printer 3 b. Printer 4 c. Printer 2 d. Printer 1

LOGICAL BASED QUESTIONS

(6) Which number completes the puzzle?



- a. 121 b. 400 c. 92 d. 100

(7) If "ICECREAM" is coded as "CICEERMA" then "CHOCOLATES" will be coded as

- a. OHCLOCETAS b. HCCOLOTAS c. COHOCALTES d. OCOHCTLASE

HOTS

(8) Prerna gave 12 sets of books to Aarav. Each set has 14 books. What is the total number of books Aarav has?

- a. 140 b. 148 c. 168 d. 288

(9) Every week Suhana saves ₹ 100 on Monday and ₹ 200 on Friday but spends ₹ 150 on Sunday. If this is her total weekly savings, how many weeks would she take to save enough to buy a ₹ 2100 mobile phone?

- a. 52 weeks b. 46 weeks c. 7 weeks d. 14 week