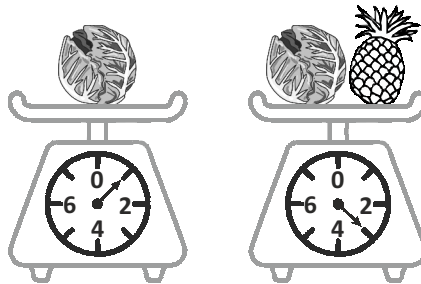


UIMO SAMPLE QUESTIONS

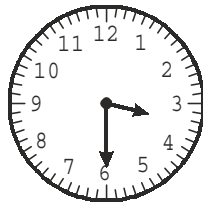
CLASS - 02

MATHEMATICS





01. A yellow ribbon is 25 cm longer than a red ribbon. If the yellow ribbon is 77 cm long, find the total length of the two ribbons.
- (A) 129 cm (B) 120 cm (C) 130 cm (D) 121 cm
02. From the given image the mass of the pineapple is



- (A) 1kg (B) 3kg (C) 2kg (D) 4kg
03. David went to the shopping mall at 3.30 p.m. He spent an hour there. What time did he leave the shopping mall ?



- (A) 4:30 am (B) 4:00 am (C) 4:00 pm (D) 4:30 pm
04. 2 ladybugs have 12 legs. How many pairs of legs do 5 ladybugs have ?
- (A) 30 (B) 3 (C) 15 (D) 18
05. Mr. Krishna has 5 ten-rupee notes. He wants to buy some items shown in the box.

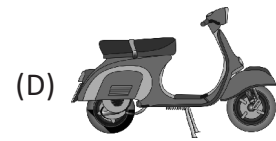
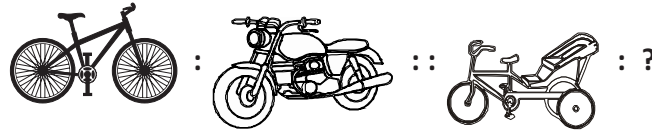
P	Q	R	S
			
₹ 15	₹ 9	₹ 34	₹ 17

Which two items should he buy if he wants to spend as much money as possible ?

- (A) R, P (B) R, Q (C) S, R (D) P, S

REASONING

01. Choose the correct option to complete the second pair in the same way as the the first pair.



02. Which letter comes next ?



03. Which number replaces the question mark ?



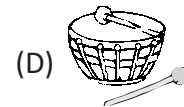
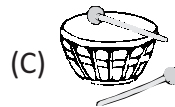
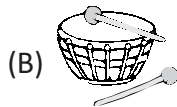
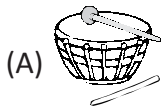
(A) 16

(B) 18

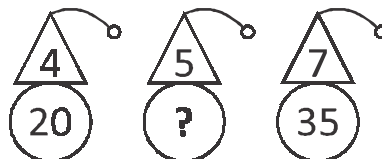
(C) 4

(D) 8

04. Which option is exactly the same as the one given ?



05. Find the missing number in the middle figure.



(A) 15

(B) 30

(C) 35

(D) 25

KEY & SOLUTION

MATHEMATICS

01. (A) Length of yellow ribbon = 77 cm
Red ribbon = 77 cm – 25 cm = 52 cm
Total length of two ribbons = 77 cm + 52 cm = 129 cm
02. (C) Mass of the cabbage = 1 kg
Mass of the pineapple and the cabbage = 3 kg
Mass of the pineapple = 3 – 1 = 2 kg
03. (D) David went to shopping at = 3:30 pm
Number of hours he spent at shopping mall = 1 hour
3:30 pm + 1 hr = 4:30 pm
He leave the shopping mall at 4:30 pm
04. (C) Number of legs each lady bug has = $12 \div 2 = 6 = 3$ pairs
Number of pairs of legs to 5 lady bugs have = $5 \times 3 = 15$
05. (A) Amount with Mr. Krishna = 5 ten rupee notes = ₹ 50

The 2 items he can buy.

Cost of given items is P = ₹ 15

Q = ₹ 9

R = ₹ 34

S = ₹ 17

He can buy P, Q = ₹ 15 + ₹ 9 = ₹ 24

Q, R = ₹ 34 + ₹ 9 = ₹ 43

P, R = ₹ 15 + ₹ 34 = ₹ 49

P, S = ₹ 15 + ₹ 17 = ₹ 32

Q, S = ₹ 9 + ₹ 17 = ₹ 26

R, S = ₹ 34 + ₹ 17 = ₹ 51

He cannot buy R, S which costs ₹ 51. i.e., more than ₹ 50

So, the maximum amount he can spend and buy the things are R, P (Bag and a ball), which costs ₹ 49

REASONING

01. (B) Cycle and scooter have 2 wheels, whereas rickshaw and auto rickshaw have 3 wheels.

02. (B) Two letters after 'T'.

03. (C) $5 \times 4 = 20$; $4 \times 3 = 12$; $2 \times 2 = 4$

04. (B)



05. (D) $\frac{20}{5} = 4$; $\frac{25}{5} = 5$; $\frac{35}{7} = 5$