

Syllabus for CMO is available at <https://www.crestolympiads.com/cmo-syllabus>

**Pattern And Marking Scheme**

Class	Topic/Section	No. of Questions	Marks per Questions	Total Marks
	Practical Mathematics	25	1	25
1 <sup>st</sup> to 4 <sup>th</sup>	Achiever's Section	10	2	20
	<b>Grand Total</b>	<b>35</b>	-	<b>45</b>
	Practical Mathematics	40	1	40
5 <sup>th</sup> to 10 <sup>th</sup>	Achiever's Section	10	2	20
	<b>Grand Total</b>	<b>50</b>	-	<b>60</b>

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1. A motor bike costs Rs. 35,750. A second hand Maruti 800 costs Rs. 42,985 more than the bike. Find the total cost of both the bike and the car:

- (a) Rs. 78,735    (b) Rs. 88,755  
(c) Rs. 104,575                                        (d) Rs. 114,485

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2. Amit has Rs. 50,000. He wants to buy a scooter for Rs. 30,172 and an oven for Rs. 18,140. How much money will be left with him?



- (a) Rs. 1,688    (b) Rs. 1,568  
(c) Rs. 1,358                                        (d) Rs. 1,098

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3. Aliya's mother bought 12 packets of chocolates on her birthday. Each packet had 12 chocolates. Aliya distributed them equally among her 36 classmates. How many chocolates did each get?



- (a) 6 chocolates  
(b) 8 chocolates  
(c) 4 chocolates  
(d) 2 chocolates
- 

4. A cyclist has to run a race of 15 km 750 m. If his speed is 5 km/h, then how much time will he take to complete the race?

- (a) 2 hours 45 minutes  
(b) 3 hours 09 minutes  
(c) 3 hours 30 minutes  
(d) 3 hours 15 minutes
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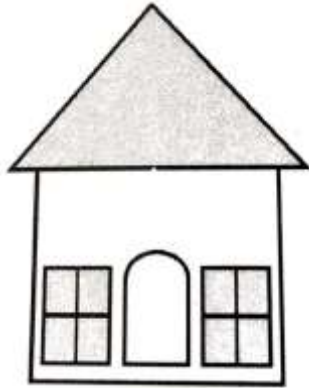
5. 450 mangoes have to be packed equally into 25 crates. How many mangoes would be there in each crate?



- (a) 15  
(b) 18  
(c) 20  
(d) 25
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6. How many horizontal lines are there in the figure given below?

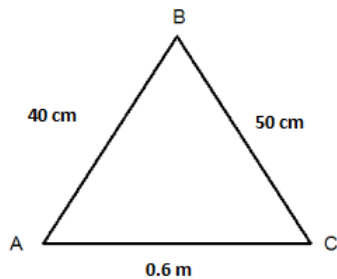


(a) 7  
(c) 9

(b) 8  
(d) 10

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7. Find the perimeter of the figure given below:



(a) 150 cm  
(c) 690 cm

(b) 90.6 cm  
(d) 300 cm

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8. Karan goes to play Tennis at 5:00 pm and reaches home at 7:00 pm. How long does he play?

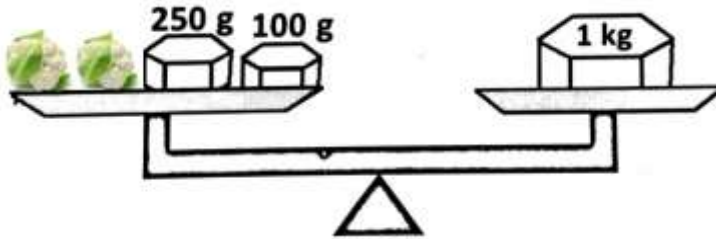
(a) 2 hours  
(c) 6 hours

(b) 4 hours  
(d) 12 hours

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## Achiever's Section

9. Sara's mother buys two cauliflowers from the market which are weighed by the seller as shown in the figure given below:



How much did the two cauliflowers together weigh?

- (a) 350 g (b) 1 kg  
(c) 650 g (d) 1 kg 350 g
- 
10. A tanker of water has a capacity of 1500 litre. It supplies water to a block of households. If each household gets 24 litre of water, then how many tankers are needed to supply 250 households?



- (a) 2 tankers (b) 4 tankers  
(c) 5 tankers (d) 6 tankers

## Answers

1. (d), 2. (a), 3. (c), 4. (b), 5. (b), 6. (c), 7. (a), 8. (a), 9. (c), 10. (b).