

# CRPF PUBLIC SCHOOL, ROHINI

## First Intra School Mathematics Olympiad 2010

### CLASS III

Max. Marks: 60

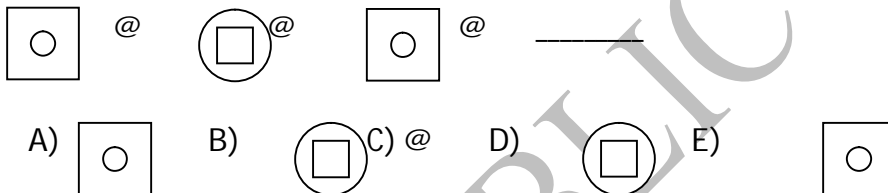
Time: 1 hour 30 minutes

#### General Instructions:

1. Each question of Section A (Q1-5) carries 2 marks, that of Section B (Q6-15) carries 3 marks and of Section C (Q16-20) carries 4 marks.
2. Each question has five choices (A, B, C, D or E). Select the correct answer to each question and darken the corresponding circle in the Answer Sheet provided to you. For each correct answer in section A, B and C, two, three and four marks will be awarded respectively. **One mark will be deducted for each incorrect answer (of all the sections), while no mark will be deducted for any unattempted question.** Darkening of more than one circle for any answer shall bear zero mark.
3. Darken the correct circle with HB Pencil ONLY.
4. Do not make any stray marks on the answer sheet and do not use it for any kind of Rough Work.

#### SECTION - A

Q1) Choose the correct figure for the given pattern.



Q2) Which of the following is equal to 80.

- A)  $8 \times 0$     B)  $80 \times 0$     C)  $8 \times 10$     D)  $80 \div 80$     E)  $8 + 10$

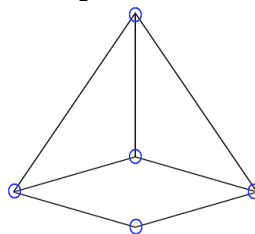
Q3)  $28 + 32 + 18 =$  \_\_\_\_\_

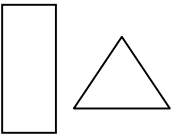
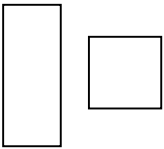
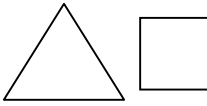
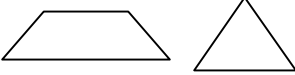
- A) 68    B) 78    C) 88    D) 98    E) 108

Q4) Which is the next number - 5, 10, 20, 40, 80, \_\_\_\_\_

- A) 100    B) 160    C) 180    D) 200    E) 220

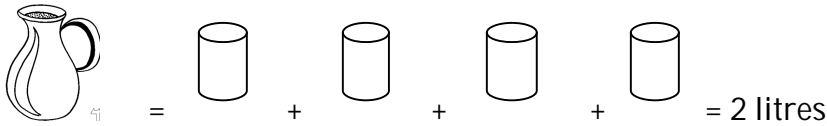
Q5) Which of the following two faces the given figure has?



- A)  B)  C) 
- D)  E) none of these

### SECTION B

**Q6)** If



then what is the capacity of each glass?

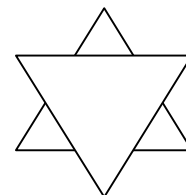
- A) 500ml    B) 250ml    C) 750ml    D) 1 litre    E) None of these
- Q7)** A pen cost Rs 3.50. What is the cost of 5 such pens?
- A) Rs. 15.50    B) Rs. 3.50    C) Rs. 7    D) Rs. 15    E) Rs. 17.50
- Q8)** How many numbers can be formed using 2, 8, 1 only once ?
- A) 6    B) 10    C) 3    D) 2    E) 8
- Q9)** Sahil has few sweets. He ate 6 sweets and gave 9 to his friends. Now he is left with 20 sweets. How many sweets he had initially?
- A) 15    B) 11    C) 17    D) 35    E) 50

**Q10)** Ritika has 90 marbles. She wants to put these marbles equally in the boxes shown below. How many marbles she needs to put in each box.



- A) 18    B) 25    C) 27    D) 10    E) 15
- Q11)** Which of the following is divided by 9 ?
- A) 171    B) 156    C) 159    D) 192    E) 100

**Q12)** How many Triangles are there in the given figure given on right side?



- A) 6      B) 7      C) 8      D) 9      E) 10

**Q13)** Vaibhav started cooking at 5.35 pm and finished at 6.25pm. How much time he took for cooking.



STARTED



FINISHED

- A) 35 min    B) 55 min    C) 50 min    D) 37 min    E) 1 hr

**Q14)**

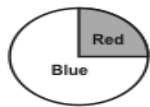
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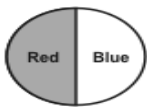
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- A) 316      B) 327      C) 216      D) 978      E) None of these

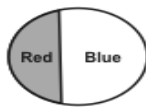
**Q15)** There are five red balls and five blue balls in a bag. Which of the following is the CORRECT way to show this on a chart?



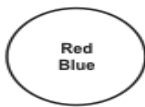
A.



B.



C.

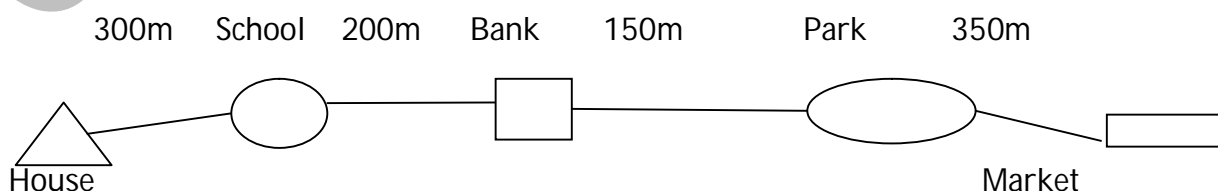


D.

- A) A      B) B      C) C      D) D      E) None of these

### SECTION C

**Q16)** Study this route map carefully and answer the given questions –



i) A boy has to go to Bank from his House. How much distance he has to travel?

- A) Half Kilometre    B) 350m    C) 650m    D) 700m    E) none of these

ii) What is the total distance from House to Market?

- A) 1100m    B) 900m    C) 1 Km    D) 650m    E) none of these

iii) What is the distance between Park and School?

- A) 200m    B) 700m    C) 500m    D) 350m    E) none of these

iv) Distance between Market and School is \_\_\_\_\_m.

- A) 150m    B) 700m    C) 350m    D) 500m    E) 550m

**Q17)** Which of the following is equal to  $(50+5)$

- A)  $(5 \times 6) + 30 + 10 - 15$     B)  $(6 \times 6) + 20 + 18 - 13$     C)  $(7 \times 9) + 5 - 2$   
D)  $(10 \times 2) + 5 + 18 - 23$     E) none of these

**Q18)** The pictograph below shows the groceries Richa Bought for her home.

Items	Quantity
Flour	☆ ☆ ☆ ☆ ☆
Rice	☆ ☆
Sugar	☆ ☆ ☆
Daal	☆ ☆
Oats	☆

Each ☆ stands for 5 Kg

Answer the following questions:-

i) He bought \_\_\_\_\_ kg of Sugar.

- A) 15kg    B) 3kg    C) 30kg    D) 150kg    E) none of these

ii) He bought 25kg of \_\_\_\_\_.

- A) Rice    B) Flour    C) Sugar    D) Daal    E) Oats

iii) He bought \_\_\_\_\_ kg of Oats and Daal altogether.

- A) 5kg    B) 3kg    C) 15kg    D) 10kg    E) none of these

iv) If 1kg of Rice costs Rs 3, then he paid Rs \_\_\_\_\_ for Rice altogether.

- A) Rs 30    B) Rs 6    C) Rs 15    D) Rs 10    E) Rs 25

**Q19)** June Calendar 2010 is given below. Study it carefully and answer the given questions:

JUNE 2010						
SUN	MON	TUES	WED	THURS	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

i) How many Sundays are there in the month of June ?

- A) 1            B) 3            C) 4            D) 5            E) none of these

ii) What is the date on second Tuesday of June?

- A) 8/6/10    B) 22/6/10    C) 25/6/10    D) 15/6/10    E) 1/6/10

iii) Abhishek's birthday will be 3 days after first Monday. What date is it?

- A) 7/6/10    B) 8/6/10    C) 9/6/10    D) 10/6/10    E) 11/6/10

iv) On which day does this month end?

- A) Monday    B) Tuesday    C) Wednesday    D) Thursday    E) Friday

**Q20)** The following table shows number of students who like different flavours of Ice-cream. Read it carefully and answer the given questions:-

Ice-Cream	No of Students
Mango	7
Strawberry	6
Choco-bar	10
Feast	5
Butterscotch	7

i) Find the total number of children who like Strawberry and Choco-bar ice creams.

- A) 16            B) 15            C) 6            D) 10            E) 25

ii) How many more students like Mango ice-creams than Feast?

- A) 7            B) 5            C) 12            D) 35            E) 2

iii) Which two ice-creams are liked by same number of students?

- A) Mango and Feast    B) Mango and Butterscotch  
C) Strawberry and Choco-bar    D) Feast and Butterscotch    E) None of these

iv) Find the total number of students.

- A) 31            B) 32            C) 33            D) 34            E) 35

**NOTE:** The answer key of this question paper will be available on the School's blog [www.crpfpsrohini.blogspot.com](http://www.crpfpsrohini.blogspot.com) on November 9, 2010 after 6 pm. The Result will be declared on 16 November and will also be available on the school's blog.