CREST Olympiads

SAMPLE PAPER

CLASS 6

CREST Reasoning Olympiad (CRO)

Syllabus for CRO is available at https://www.crestolympiads.com/cro-syllabus

Pattern and Marking Scheme

Class	Topic/Section	No. of Questions	Marks per Questions	Total Marks
	Logical Reasoning	25	1	25
1st to 4th	Achiever's Section	10	2	20
	Grand Total	**35**	-	**45**
	Logical Reasoning	40	1	40
5th to 10th	Achiever's Section	10	2	20
	Grand Total	**50**	-	**60**

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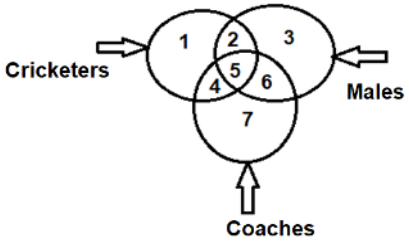
1. The following figure shows three intersecting circles representing Cricketers, Males and Coaches. Different regions so obtained in the figure are marked 1, 2, 3, 4, 5, 6 and 7. If you are to select the males who are not coaches, then which region is to be selected?



(a) 7
(b) 5
(c) 13
(d) 9

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2. If '%' means 'x' , '#' means '÷', '&' means '+' and '@' means '-'. Then what will be the result of 12 @ 4& 8 % 2?

(a) 16
(b) 32
(c) 24
(d) 12

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3. Find the next element of the following series:

4, 10, 22, 40, 64,?

(a) 80
(b) 94
(c) 86
(d) 100

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4. How many meaningful words of four letters can be formed by using the first, third, fifth and eighth letter of the alphabetical series using each letter only once?

(a) Two
(b) One
(c) Three
(d) None

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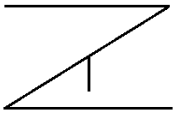
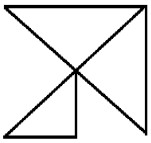
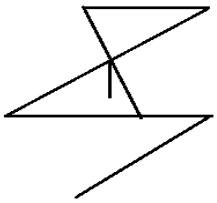
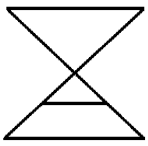
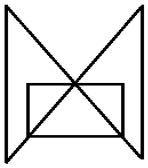
5. Find out the alternative figure which contains the given figure as its part.



(a) 

(b) 

(c) 

(d) 

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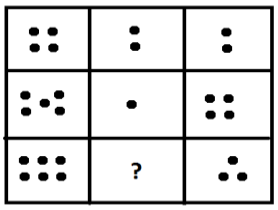
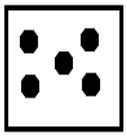
6. Select a suitable figure from the four alternatives that would complete the given figure matrix.



(a)

(b)

(c)

(d) 

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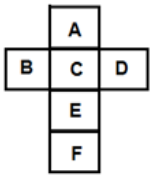
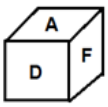
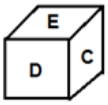
7. Choose the box that will be formed by folding the sheet of paper given in fig(i).



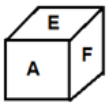
(i)



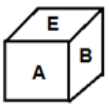
(ii)



(iii)



(iv)



(v)

(a) Only (ii)
(b) Only (iv)
(c) Only (v)
(d) Only (ii) and (iii)

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8. Select the figure which satisfies the same conditions of placement of the dots as in the Fig. (i).

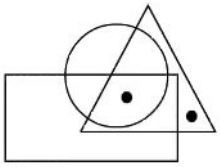
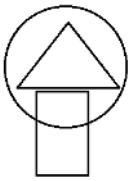
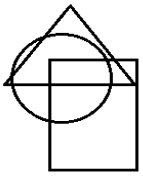
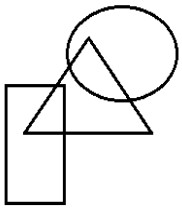


Fig (i)

(a) 

(b) 

(c) 

(d)

Achiever's Section

9. If 'P + Q' means 'P is mother of Q', 'P ÷ Q' means 'P is brother of Q', 'P × Q' means 'P is the wife of Q', 'P – Q' means 'P is sister of Q', then how is B related to A, if it is given that A + D - C ÷ B?

(a) Son
(b) Daughter
(c) Daughter-in-law
(d) Cannot be determined

10. Seven movies viz. Matrix, Avenger, Pokemon, Spiderman, Aladdin, Batman and Mr. Bean were released on seven different days of the same week starting from Monday to Sunday but not necessarily in the same order. Aladdin was released on Wednesday. Only one movie was released between Aladdin and Spiderman. Spiderman and Pokemon were released on consecutive days. Pokemon was released before Spiderman. Less than four movies were released before Matrix which was released after Avenger. Batman was not released on Saturday.

Which of the following movies was released on Sunday?

(a) Batman
(b) Pokemon
(c) Mr. Bean
(d) Spiderman

Answers

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