

# OLYMPIAD PREP BOOSTER

## Reasoning Class 8 Syllabus

1. <b>Matching Pairs</b> ( <i>analogy</i> )	Find match of second pair of Object / Number / Alphabet/ word such that first pair is related, Identify the relationship of first pair and accordingly find the missing term in the second pair, mixed Analogy
2. <b>Classification</b>	Alphabet/ word / Number / Figure / Mixed related odd one out problems
3. <b>Series Completion</b>	Finding next term / missing term / Alphabetic order term / alphanumeric term in the given series, wrong number series, missing number series
4. <b>Coding-Decoding</b>	Position of letters in forward and Backward direction, alphabet and word sequence test, alphabetical and symbol related coding – decoding, sentence coding, mixed coding
5. <b>Alphabet and Number Test</b>	Word formation test, Sequencing of word according to the dictionary, Alpha – Numeric Sequencing test, Number test
6. <b>Direction &amp; Distance Sense Test</b>	Find sub direction of any object, word problem, Direction and Distance based problems, Direction of shadow during Sunrise and Sunset, Direction in relation to angle rotation
7. <b>Blood Relations</b>	Problems on Maternal and paternal relations, word problems, Relationship Symbol related problems
8. <b>Puzzles</b>	Situational information related problems
9. <b>Mathematical Reasoning</b> ( <i>including Mathematical Operation</i> )	VBODMAS operations, Symbolic operations, unitary method-based word problems
10. <b>Venn Diagrams</b>	Relationship identification in the given Venn diagram
11. <b>Analytical Reasoning</b>	Syllogism - Statement & Conclusions

12. <b>Mirror &amp; Water Images</b>	Mirror/ Water images of Capital Letters / Figures / Numbers
13. <b>Cube &amp; Dice</b>	Similar Box related problems, Opposite and adjacent faces in the cube, coloring and cutting of cubes, how many cubes are needed to make the given solid, determine the number of blocks in each level of given figure
14. <b>Counting of Figures</b>	Finding number of lines / triangles / circles / squares
15. <b>Paper Folding &amp; Cutting</b>	Select figure which would easily resemble on unfolding the figure
16. <b>Dot Situation</b>	Select the figure which satisfies the same condition of placement of the dots as seen in the given figure
17. <b>Clock &amp; Calendars</b>	Duration between two times, number of days between two dates, birthday related problems
18. <b>Embedded Figure &amp; Figure Formation</b>	Choose the shape hidden in the given figure, Find zig zag (X) hidden in the given figure, Identify the object that is hidden exactly in the figure, Figure formation
19. <b>Odd One Out</b>	Alphabet / Number / Word / Picture / Mixed based
20. <b>Grouping of Identical Figures</b>	Group selection in to which the given figure can be classified
21. <b>Ranking</b>	Position of a student in a class from Top / Bottom, position of any object in a row from left and Right end, Word problems, Rank of a student in an exam
22. <b>Figure Matrix</b>	Find missing figure in the matrix