



Fundamentor Syllabus

Topic	Topic Description	Class 5- Level a	Class 5- Level b	Class 5- Level c
Creative Thinking				
De Cipher	Codes	Letter-letter	Letter-number	Juggling letters
Figure it	Shapes and figures	Count no. of lines etc	Images/ reflections	Figure matrix
Thinking Hat	Lateral Thinking	Sequences	Cubes and dices	Colours and sides
Route-lette	Mobility	Directions	Route planning	Scheduling
Strain the Brain	Puzzles	Puzzles	Puzzles	Puzzles
What's in, what's out?	Patterns and series	Patterns	Fill the missing series	Grids
Crystal Gaze	Visual reasoning	Figure matching	Perception/ focus	Embedded figures
Inference				
E-value-ate	Evaluation-Data/Situation	Evaluation-Data	Evaluation-Situation	Evaluation-Data
Money Money Money	Percentage, Profit-Loss	Profits	Margins	Discounts
Did-u-c	Deductive Inference	Which statements are true?	Which statements are false?	Truth tables
When is my birthday?	Calendar	What day is 25 days from today if today is Sunday	Leap year concept	When is my birthday in next year if it is on a Tuesday this year?
Big Data	Data Inference	Bar and line graphs	Data table	Pie Charts
Statistical delight	Corelational and Analogical Inference	Comparison of averages	Average of top 5 scores	Average of two groups
Datadequacy	Data sufficiency- Logical and mathematical	Data sufficiency- Mathematical	Data sufficiency-Logical	Data sufficiency- Mathematical
Quantitative				
Divide and Remain	Divisibility and Remainder	2-9 division till 200	Numbers divisible between 1-200 by 2-9	Remainder on dividing by 2-9 till 200
Race against time	Clocks	Time difference	Angle travelled by minute and hour hand	Flight time and time difference
Who are you, Mr. X?	Equations and functions	A platform can break with 6 standing boys or with 3 jumping boys. If 2 boys are jumping how many can stand	A platform can break with 6 standing boys or with 3 jumping boys. If 2 boys are jumping how many can stand	A platform can break with 6 standing boys or with 3 jumping boys. If 2 boys are jumping how many can stand
Made to measure	Geometry and Measurements	Shapes-circles	Measurement-Perimeter	Measurement- Area
Number Game	Number system	Operations with integers	Operations with factors	HCF, LCM
Ratio Proportionism	Ratio proportion mixtures and Fractions	Addition/ subtraction of fractions	Smaller and bigger fractions	Representative fractions
Mathemagic	Arithmetic	BODMAS	BODMAS	BODMAS
Verbal				
Analyse this	Contextual reasoning	Audio comprehension	Situation comprehension	Speech analysis
Passage to Comprehension	Reading comprehension	2 small Paragraphs based "which of the following is True/ false	2 small Paragraphs based "what is the meaning of the word in the sentence"	2 small Paragraphs based "what should be the title/ summary/ punchline"
Gram-markit	Grammar review	Identify the errors Grammar (nouns)	Identify the errors Grammar (verbs)	Identify the errors Grammar (adjectives)
The word is not enough	English usage	Formal vs informal	Direct and indirect narration	Similies and metaphors
Logical conclusion	Verbal reasoning	Cause and effect	Whats the conclusion	Determine eligibility
Whats the right word?	Vocabulary	Synonymns	Antonymns	Spelling/ homonymn
Whose line is it anyway?	Paragraph sequencing and sentence completion	Sentence formation	Fill in the blanks (nouns, adjectives)	Fill in the blanks (verbs, adjectives)



Fundamentor Syllabus

Topic	Topic Description	Class 6- Level a	Class 6- Level b	Class 6- Level c
Creative Thinking				
De Cipher	Codes	Letter substitution	Letter-symbol substitution	Symbol-number substitution
Figure it	Shapes and figures	Count no. of lines etc	Images/ reflections	Figure matrix
Thinking Hat	Lateral Thinking	Venn diagrams	Input-output	Sequences
Route-lette	Mobility	Directions	Route planning	Scheduling
Strain the Brain	Puzzles	Puzzles	Puzzles	Puzzles
What's in, what's out?	Patterns and series	Patterns	Fill the missing series	Grids
Crystal Gaze	Visual reasoning	Figure matching	Perception/ focus	Embedded figures
Inference				
E-value-ate	Evaluation-Data/Situation	Evaluation-Data	Evaluation-Situation	Evaluation-Data
Money Money Money	Percentage, Profit-Loss	What percentage of 2/3 is 5/4	A buys items at \$5, \$6, and sells at \$8.	Principal and interest
Did-u-c	Deductive Inference	Find the true statement	Find the false statement	Truth tables
Science of induction	Inductive Inference	Inductive: Inference to best explanation	Inductive: Arguments from analogy	Inductive: Statistical generalizations
Big Data	Data Inference	Data charts	Data tables	Complex charts
Statistical delight	Corelational and Analogical Inference	Average speed	Average distance	Average time
Datadequacy	Data sufficiency- Logical and mathematical	Data sufficiency- Mathematical	Data sufficiency-Logical	Data sufficiency- Mathematical
Quantitative				
Divide and Remain	Divisibility and Remainder	2-11 division till 1000	Numbers divisible between 1-1000 by 2-11	Remainder on dividing by 2-11
Race against time	Time Speed Distance/ Time and Work	What is the speed, distance and time?	Time and work	Two vehicles on the same road
Who are you, Mr. X?	Equations and functions	Linear equations in 1 variable	Linear equations in 1 variable	Linear equations in 2 variables
Made to measure	Geometry and Measurements	Shapes-polylaterals and circles	Measurement- Perimeter and Area	Metric system/ other systems
Number Game	Number system	Rational numbers	Applications with integers and rational	Prime numbers, squares, composite
Ratio Proportionism	Ratio Proportion and mixtures	Ratio and proportion	Mixtures	Ratio and proportion
Mathemagic	Calendar, Arithmeric	Vedic mathematics	Squares and Cubes	Calendar
Verbal				
Analyse this	Contextual reasoning	Fact Inference Judgement	Resolve the paradox/ biases	Situation comprehension
Passage to Comprehension	Reading comprehension	"Which of the following is True/ False"	"What should be the title/ summary/ punchline"	Inverted pyрмаid. "order of most and least importance
Gram-markit	Grammar review	Identify the errors Grammar (tenses)	Identify the errors (adjectives, adverbs)	Identify the errors (infinitive, gerunds)
The word is not enough	English usage	Proverb identification	Form filling	Idioms and phrases
Logical conclusion	Verbal reasoning	Remote associates	Assumptions	Find conclusion
Whats the right word?	Vocabulary	Synonymns	Antonymns	Frequently confused words
Whose line is it anyway?	Paragraph sequencing and sentence completion	Sentence formation and completion	Paragraph completion	Identify chronology



Fundamentor Syllabus

Topic	Topic Description	Class 7- Level a	Class 7- Level b	Class 7- Level c
Creative Thinking				
De Cipher	Codes	Artificial language	Letter/ number substitution	Special symbol substitution
Figure it	Shapes and figures	Count no. of lines etc	Images/ reflections	Figure matrix
Thinking Hat	Lateral Thinking	Venn diagrams	Input-output	Sequences
Route-lette	Mobility	Directions	Route planning	Scheduling
Strain the Brain	Puzzles	Puzzles	Puzzles	Puzzles
What's in, what's out?	Patterns and series	Patterns	Fill the missing series	Grids
Crystal Gaze	Visual reasoning	Figure matching	Perception & focus	Embedded figures
Inference				
E-value-ate	Evaluation-Data/Situation	Evaluation-Data	Evaluation-Situation	Evaluation-Data
Money Money Money	Percentage, Profit-Loss	Percentage	Profit/ Loss/ Discount	Financial literacy
Did-u-c	Deductive Inference	Truth Tables	Deductive-Propositional	Deductive: Categorical
Science of induction	Inductive Inference	Inductive: Statistical applications	Inductive: Causal reasoning	Inductive: Probability
Big Data	Data Inference	Data charts	Data tables	Complex charts
Statistical delight	Corelational and Analogical Inference	Median & mode	Weighted mean	Geometric and Harmonic Mean
Datadequacy	Data sufficiency- Logical and mathematical	Data sufficiency- Mathematical	Data sufficiency-Logical	Data sufficiency- Mathematical
Quantitative				
Divide and Remain	Divisibility and Remainder	Division by number combination	Numbers divisble between 10 and 1010	Remainder on dividing by number combination
Race against time	Time Speed Distance/ Time and Work	Time and work	Rotations per minute and speed	Time speed and distance
Who are you, Mr. X?	Equations and functions	Linear equation in 2 variables	Functions	Inequalities
Made to measure	Geometry and Measurements	Properties of lines, angles, shapes	Surface area and volume of shapes	Mixed shapes
Number Game	Number system	Non-decimal system	Conversion from decimals to fraction	Operations with numbers
Ratio Proportionism	Ratio Proportion and mixtures	Ratio and proportion	Mixtures	Ratio and proportion
Mathemagic	Calendar, Arithmeric	Vedic mathematics	Indices	Calendar
Verbal				
Analyse this	Contextual reasoning	Fact Inference Judgement	Resolve the paradox/ biases	Situation comprehension
Passage to Comprehension	Reading comprehension	"Which of the following is True/ False"	"Identify tone/ genre/ audience	Which of the following is implied?
Gram-markit	Grammar review	Identify the errors Grammar (tenses)	Identify the errors (adjectives, adverbs)	Identify the errors (infinitive, gerunds)
The word is not enough	English usage	Proverb identification	Form filling	Idioms and phrases
Logical conclusion	Verbal reasoning	Remote associates	Flaw in reasoning	Premise & conclusion
Whats the right word?	Vocabulary	Synonymns	Antonymns	Frequently confused words
Whose line is it anyway?	Paragraph sequencing and sentence completion	Sentence formation and completion	Paragraph completion	Identify chronology



Fundamentor Syllabus

Topic	Topic Description	Class 8- Level a	Class 8- Level b	Class 8- Level c
Creative Thinking				
De Cipher	Codes	Artificial language	Letter/ number substitution	Special symbol substitution
Figure it	Shapes and figures	Count no. of lines etc	Images/ reflections	Figure matrix
Thinking Hat	Lateral Thinking	Venn diagrams	Input-output	Sequences
Route-lette	Mobility	Directions	Route planning	Scheduling
Strain the Brain	Puzzles	Puzzles	Puzzles	Puzzles
What's in, what's out?	Patterns and series	Patterns	Odd figures	Grids and series
Crystal Gaze	Visual reasoning	Figure matching	Perception & focus	Embedded figures
Inference				
E-value-ate	Evaluation-Data/Situation	Evaluation-Data	Evaluation-Situation	Evaluation-Data
Money Money Money	Percentage, Profit-Loss	Percentage	Profit/ Loss/ Discount	Financial literacy
Did-u-c	Deductive Inference	Truth Tables	Deductive-Propositional	Deductive: Categorical
Science of induction	Inductive Inference	Inductive: Inference to best explanation	Inductive: Arguments from analogy	Inductive: Statistical generalizations
Big Data	Data Inference	Data charts	Data tables	Mixed tables and charts
Statistical delight	Corelational and Analogical Inference	Average, median and mode	Weighted average	Geometric and Harmonic Mean
Datadequacy	Data sufficiency- Logical and mathematical	Data sufficiency- Mathematical	Data sufficiency-Logical	Data sufficiency- Mathematical
Quantitative				
Divide and Remain	Divisibility and Remainder	Division by combination of numbers	Numbers divisible between 10 and 1010 by x	Remainder on dividing by number combination
Race against time	Time Speed Distance/ Time and Work	Circular motion	Time and work	Time speed and distance
Who are you, Mr. X?	Equations and functions	Linear Equations	Quadratic equations	Functions
Made to measure	Geometry and Measurements	Mensuration	Properties of lines, angles, shapes	Capacity of containers
Number Game	Numbers & Progressions	Sum of the factors	HCF. LCM of fractions	Progressions
Ratio Proportionism	Ratio Proportion and mixtures	Ratio and proportion	Mixtures	Ratio and proportion
Mathemagic	Calendar, Arithmetic	Calendar	Logarithms	Surds and Indices
Verbal				
Analyse this	Contextual reasoning	Fact Inference Judgment	Resolve the paradox/ biases	Situation comprehension
Passage to Comprehension	Reading comprehension	Fact based passage	Opinion and judgement based passage.	Abstract passage
Gram-markit	Grammar review	Sentence correction	Identify the errors	Sentence correction
The word is not enough	English usage	Review, compare and contrast	Idioms, phrases, metaphors, similies	Dominant ideologies
Logical conclusion	Verbal reasoning	Strengthen and weaken arguments	Flaw in reasoning	Premise & conclusion
Whats the right word?	Vocabulary	Synonymns and antonymns	Frequently confused words	Incorrect usage of a word
Whose line is it anyway?	Paragraph sequencing and sentence completion	Sentence completion	Paragraph completion	Paragraph jumbles



Fundamentor Syllabus

Topic	Topic Description	Class 9- Level a	Class 9- Level b	Class 9- Level c
Creative Thinking				
De Cipher	Codes	Artificial language	Letter/ number substitution	Special symbol substitution
Figure it	Shapes and figures	Count no. of lines etc	Images/ reflections	Figure matrix
Thinking Hat	Lateral Thinking	Venn diagrams	Input-output	Sequences
Route-lette	Mobility	Directions	Route planning	Scheduling
Strain the Brain	Puzzles	Puzzles	Puzzles	Puzzles
What's in, what's out?	Patterns and series	Patterns	Odd figures	Grids and series
Crystal Gaze	Visual reasoning	Figure matching	Perception & focus	Embedded figures
Inference				
E-value-ate	Evaluation-Data/Situation	Evaluation-Data	Evaluation-Situation	Evaluation-Data
Money Money Money	Percentage, Profit-Loss	Percentage	Profit/ Loss/ Discount	Financial literacy
Did-u-c	Deductive Inference	Truth Tables	Deductive-Propositional	Deductive: Categorical
Science of induction	Inductive Inference	Inductive: Statistical applications	Inductive: Causal reasoning	Inductive: Probability
Big Data	Data Inference	Data charts	Data tables	Mixed tables and charts
Statistical delight	Corelational and Analogical Inference	Summation	Weighted average	Statistics
Datadequacy	Data sufficiency- Logical and mathematical	Data sufficiency- Mathematical	Data sufficiency-Logical	Data sufficiency- Mathematical
Quantitative				
Divide and Remain	Divisibility and Remainder	Division by combination of numbers	Numbers divisible between 10 and 1010 by x	Remainder on dividing by combination of no.s
Race against time	Time Speed Distance/ Time and Work	Races	Time and work	Chase sequence
Who are you, Mr. X?	Equations and functions	Quadratic equations	Functions	Inequalities
Made to measure	Geometry and Measurements	Mensuration	Properties of lines, angles, shapes	Capacity of containers
Number Game	Numbers & Progressions	Irrational numbers	Real and Complex numbers	Progressions
Ratio Proportionism	Ratio Proportion and mixtures	Ratio and proportion	Mixtures	Ratio and proportion
Mathemagic	Arithmetic, Probability	Arithmetic	Calendar	Surds and Indices
Verbal				
Analyse this	Contextual reasoning	Fact Inference Judgment	Resolve the paradox/ biases	Situation comprehension
Passage to Comprehension	Reading comprehension	Fact based passage	Opinion based passage	Abstract passage
Gram-markit	Grammar review	Sentence correction	Identify the errors	Sentence correction
The word is not enough	English usage	Review, compare and contrast	Idioms, phrases, metaphors, similies	Dominant ideologies
Logical conclusion	Verbal reasoning	Strengthen and weaken arguments	Flaw in reasoning	Premise & conclusion
Whats the right word?	Vocabulary	Synonymns and antonymns	Frequently confused words	Incorrect usage of a word
Whose line is it anyway?	Paragraph sequencing and sentence completion	Sentence completion	Paragraph completion	Paragraph jumbles