# CAT/MAT/SNAP prep Module
## Ankit Kumar Keshan

## Content Schedule/Sequence

1. Number System (5-6 sessions)    *Quant*
   a. Unit Digit Problems
   b. LCM & HCF
   c. Primes and Co-Primes
   d. Decimal Fractions
   e. Divisibility
   f. Last two digits
   g. Remainders
   h. Highest power dividing a factorial, trailing zeroes
   i. Base system

2. Logical Reasoning (2-4 sessions)    *LRDI*
   a. Session 1: Intro
   b. Session 2: Arrangements
   c. Session 3: Rankings

3. Reading Comprehension basics (1-2 sessions)    *VARC*

**4. Mini test 1 (1-2 hrs)**

5. Progressions (3-4 sessions)    *Quant*

6. Logical Reasoning vs Data Interpretation (2-3 sessions)    *LRDI*
   a. Session 1: Tables
   b. Session 2: Pie Charts
   c. Session 3: Venn Diagrams

7. Reading Comprehension Practice (2 sessions)    *VARC*
   a. Session 1: Easy RCs
   b. Session 2: What is inference?

8. Averages, Mixtures and Allegations (4 sessions)    *Quant*

9. Parajumbles (2 sessions)    *VARC*

**10. Major Mock 1 (3 hrs)**

11. LRDI practice (Games and Tournaments specially) (2 sessions)    *LRDI*

12. RC Practice (2 sessions)
   a. Session 1: Moderate RCs    *VARC*
   b. Session 2: Difficult RCs

13. Arithmetic & Word-Based Problems (11 sessions continue)
   a. Percentage
   b. Profit-loss    *Quant*
   c. Interest
   d. Ratio-Proportion
   e. Time & Work
   f. Time, Speed, Distance

**14. Major Mock 2 (3 hrs)**

15. LRDI & RC marathon (3+3 sessions continue)     *LRDI, VARC*

**16. Major Mock 3 (3 hrs)**

17. Algebra (10 sessions)     *Quant*
      a. Logarithms
      b. Functions
      c. Inequalities
      d. Equations

**18. Major Mock 4 (3 hrs)**

19. Geometry-Mensuration-Coordinate Geometry (8-12 sessions)     *Quant*

**20. Major Mock 5 (3 hrs)**

21. Permutations-Combinations, Probability, Set Theory (7-10 sessions)     *Quant*

**22. Major Mock 6 (3 hrs)**

23. LRDI & RC marathon (3+3 sessions continue)     *LRDI, VARC*

24. Final Brush-up (4-6 sessions) [A few remaining topics of VARC & LRDI, Quant Booster]     *Combo*

**25. Final Full Mock 7 (3 hrs)**

**26. Final Full Mock 8 (3 hrs)**