

<u>CODING</u>	<u>THEORY</u>
C (gfg)	DS → lovebabbar
C++ (gfg)	COA → radhr + gfg
<u>Python (cwr)</u>	<u>CNN → gfg</u>

More in coding:-

- 1] Number system
- 2] Patterns
- 3] Array manipulation
- 4] String manipulation
- 5] bit manipulation
- 6] Sorting + Algorithms.
 - bubble sort
 - selection sort
 - insertion sort
 - merge sort
 - quick sort
 - binary search.

7] DSA:-

- ① linked list
- ② stack
- ③ queue
- ④ Trees.

8] structure, padding, alignment

9] memory - malloc, calloc, realloc

10] pointers:-

- pointers with const
- pointer with array
- pointers with matrix

11] Matrix arithmetic.

12] Priority inheritance concept.

13] Interrupts (types, etc)

14] Python:-

- 1) list
- 2) dict
- 3) set
- 4) map
- 5) ops.

6) dict unpacking, cls, inheritance.

15] OOPS concepts (love babbar).

→ 4 Pillars

→ polymorphism.