Exam Topics

1. declare and use (reference) variables of type int float string double bool char...

2. prototype, define, and use (call) functions

3. use built-in operators +, -, ++, --, *, /, %. ().

4. delare and reference arrays; index into arrays. Use arrays as parameters in a function.

5. conditional branching — if-else, switch optional.

6. loops - while, for

7. recursion

8. structs

9. pointers.

10. pass-by-reference
    passing pointers
    passing arrays   into functions.

11. Linked List $(\sim \lesssim 10\%)$