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School of Computing and Information Technologies

PROGCON - CHAPTER 3

CLASS NUMBER: #32 SECTION: TM 191

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PART 1: Identify the following.

1. A name to describe structured programming, because structured programmers do not use a "go to" statement. — Goto - less programming
2. A process continues while some condition continues to be true. — While - do loop
3. Act of attaching structures end to end. — stacking structures
4. Act of placing a structure within another structure. — nesting structure
5. Alternate names for a loop structure. — Repition and iteration
6. Another name for a selection structure. — if - then - else
7. Ask a question and, depending on the answer, take one of two courses of action. Then, no matter which path you follow, continue with the next task. — selection structure (decision structure)
8. Basic unit of programming logic; each structure is a sequence, selection, or loop. — structure
9. Branch of a decision in which no action is taken. — null case
10. Contains a series of steps executed in order. A sequence can contain any number of tasks, but there is no option to branch off, skipping any of the tasks — sequence structure
11. Continue to repeat actions while a test condition remains true. — Loop structure
12. Define one action to be taken when the tested condition is true, and another action to be taken when it is false. — ıual - alternative ifs (qual alternative selection)
13. Designates the end of a pseudocode structure. — End-structure statement
14. Group of statements that executes as a single unit. — Block
15. Programs that do not follow the rules of structured logic. — nstructured programs
16. Programs that follow the rules of structured logic. — structures programs
17. Set of actions that occur within a loop. — loop body
18. Snarled, unstructured program logic. — spagnetti code
19. Statement that reads the first input data record prior to starting a structured loop. — priming input (priming read)
20. Take action on just one branch of the decision. — single-alternative if (or single-alternative selections)