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REVIEW QUESTIONS

1. FALSE
2. TRUE
3. FALSE
4. TRUE
5. FALSE
6. TRUE
7. TRUE
8. FALSE
9. TRUE
10. FALSE

MULTIPLE CHOICE

1. C ( FEE SETTING)
2. A (F=9/5(C) +32
3. D (SPECIFICATION)
4. C (2SPAM)
5. B (STATEMENTS)
6. B (EXPRESSIONS)
7. B (PROGRAM)
8. D (A COUNTED LOOP)
9. A (STICKY NOTE)
10. D (INPUT)

DISCUSSION

SOFTWARE DEVELOPMENT PROCESS

* Specification ( planning or requirements gathering): Identifying goals and objectives, Defining what the program needs to do
* Design: Planning how the program will accomplish the tasks by developing architecture and system design, creating wireframes and prototypes and defining database schema
* Implementation: Writing the code following the design , conducting the unit testing ,integrating components and modules
* Testing /Debugging: Finding and fixing errors in the code , developing test plans and cases ,performing integration and system testing and conducting acceptance testing
* Documentation: Describing how the program works and how it is used , configure production environment , deploying software
* Maintenance: Updating the program as necessary after deployment , monitoring software programs , Implementing updates and enhancements

2. CHAOS PROGRAM IDENTIFICATION

* Circle each identifier ,underline each expression , and comment each line can be done using the actual chaos .py code
* Writing Algorithms in Pseudocode ; It helps clarity logic without worrying about syntax, making debugging easier when converting to code