IT Skill Test GIC Myanmar

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1. You are developing a user registration system. The system needs to validate the user's age before allowing registration. Which conditional statement would be most appropriate for this scenario?

    A. while (age >= 18) { allowRegistration(); }

    B. if (age >= 18) { allowRegistration(); } else { denyRegistration(); }

    C. switch (age) { case 18: allowRegistration(); break; default: denyRegistration(); }

    D. do { checkAge(); } while (age < 18);

2. In a weather monitoring application, you need to categorize temperature readings. Which conditional structure would be most suitable for multiple temperature ranges?

    A. if-else if-else chain

    B. switch statement

    C. while loop

    D. do-while loop

3. You're implementing a login system that should lock out a user after three failed attempts. Which control structure would be most appropriate?

    A. if statement

    B. switch statement

    C. while loop

    D. for loop

4. You are developing a game where a player's score determines their rank. Which conditional structure would be most appropriate for assigning ranks based on score ranges?

    A. if-else if-else chain

    B. switch statement

    C. while loop

    D. for loop

5. You are developing a method to validate phone numbers in a specific format (e.g., (123) 456-7890). Which of the following regular expressions correctly matches this format?

A. ^\(\d{3}\)\s\d{3}-\d{4}$

B. ^\(\d{3}\) \d{3}-\d{4}$

C. ^\(\d{3}\)\d{3}-\d{4}$

D. ^\d{3}-\d{3}-\d{4}$

6. You're implementing a menu-driven interface where users select options by entering numbers. Which conditional structure would be most suitable for handling the user's choice?

A. if-else if-else chain

B. switch statement

C. while loop

D. do-while loop

7. In a sorting algorithm implementation, you need to compare adjacent elements and swap them if they are in the wrong order. Which conditional structure would be most appropriate for this comparison?

A. if statement

B. switch statement

C. while loop

D. for loop

8. You are developing a system to process customer orders. The system needs to apply different discounts based on the customer's membership level (Bronze, Silver, Gold). Which conditional structure would be most appropriate for applying these discounts?

A. if-else if-else chain

B. switch statement

C. while loop

D. do-while loop