Assignment 7
Due on 2023-09-18, 23:59:00 IST.

Assignment 7: This assignment is about the concept that you have present. As per recent remarks, one has not submitted this assignment.

1. Which of the following is a list of functional testing techniques? 2 point
   - Equivalent partitioning, suitability testing, decision coverage
   - Equivalent partitioning, performance testing, random testing
   - Equivalence partitioning, decision tables, random testing
   - Equivalence partitioning, decision coverage, loop coverage
     No, the answer is incorrect.
     Accepted Answer: Equivalence partitioning, decision tables, random testing

2. Which of the following is true about equivalence partitioning tests? 2 point
   - Tests have to be disjoint and open the entire input domain
   - Tests need not be disjoint, test should open the entire domain
   - Tests need not be disjoint, but need to open the entire domain
   - Tests have to be from the different equivalence classes
     No, the answer is incorrect.
     Accepted Answer: Tests have to be disjoint and open the entire input domain

3. If the program under test has 5 mandatory parameters, p1, p2, p3, p4, and each parameter q is a list, which of the following can be used to test the program? 2 point
   - Each parameter q is a list of elements
   - Each parameter q is a list of integers
   - Each parameter q is a list of strings
   - Each parameter q is a list of characters
     No, the answer is incorrect.
     Accepted Answer: Each parameter q is a list of elements

4. Which of the criteria, in comparison with the others, is known to be more useful for testing based on input space partitioning? 2 point
   - Code coverage is more useful than data coverage
   - Test coverage is more useful than input space partitioning
   - Input space partitioning is more useful than code coverage
   - All combinations coverage is more useful than Test coverage
     No, the answer is incorrect.
     Accepted Answer: Code coverage is more useful than Test coverage

5. Which of the following is a correct use of input space partitioning for functional testing? 2 point
   - Find path spaces between file inputs
   - Find path spaces between file inputs
   - Find path spaces between file inputs
   - Find path spaces between file inputs
     No, the answer is incorrect.
     Accepted Answer: Find path spaces between file inputs

6. Which of the following is the correct use of each input space partitioning? 2 point
   - Find path spaces between file inputs
   - Find path spaces between file inputs
   - Find path spaces between file inputs
   - Find path spaces between file inputs
     No, the answer is incorrect.
     Accepted Answer: Each input space partitioning

7. Which of the following is the correct use of partitioning for a day, as part of the input to the NextDate function? 2 point
   - Only day partition: d = 1 to 31
   - Two partitions: d = 1 to 15 and d = 16 to 31
   - Three partitions: d = 1 to 10, d = 11 to 20, and d = 21 to 31
   - Four partitions: d = 1 to 2, d = 3 to 14, d = 15 to 28, and d = 29 to 31
     No, the answer is incorrect.
     Accepted Answer: Three partitions: d = 1 to 10, d = 11 to 20, and d = 21 to 31

8. What is the output of the function? 2 point
   - (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days)
   - (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days)
     No, the answer is incorrect.
     Accepted Answer: (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days)

9. Which of the following represents valid partition for a day as part of input to the NextDate function? 2 point
   - Two partitions: d = 1 to 15, d = 16 to 31
   - Three partitions: d = 1 to 10, d = 11 to 20, and d = 21 to 31
   - Four partitions: d = 1 to 2, d = 3 to 14, d = 15 to 28, and d = 29 to 31
   - Five partitions: d = 1 to 1, d = 2 to 15, d = 16 to 30, and d = 31 to 31
     No, the answer is incorrect.
     Accepted Answer: Two partitions: d = 1 to 15, d = 16 to 31

10. Which of the following is correct for the NextDate function? 2 point
    - True
    - False
    - (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days)
    - (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days), (Up to) response may vary (30 days)
     No, the answer is incorrect.
     Accepted Answer: True