

Test #4

Всего

40/40



Type first name, last name

.....

- ✓ 1. A system is designed to accept values of examination marks as follows: 10 из 10

Fail 0-39 inclusive

Pass 40-59 inclusive

Merit 60-79 inclusive

Distinction 80-100 inclusive

In which of the following sets of values are all values in different equivalence partitions?

☐ 25, 40, 60, 75

☒ 0, 45, 79, 87



☐ 35, 40, 59, 69

☐ 25, 39, 60, 81

✓ 2. A washing machine has three temperature bands for different kinds of fabrics: fragile fabrics are washed at temperatures between 15 and 30 degrees Celsius; normal fabrics are washed at temperatures between 31 and 60 degrees Celsius; heavily soiled and tough fabrics are washed at temperatures between 61 and 100 degrees Celsius. Which of the following contains only values that are in different equivalence partitions? 10 из 10

☐ 15, 30, 60

☐ 20, 35, 60

☒ 25, 45, 75



☐ 12, 35, 55

3. A mail-order company selling flower seeds charges £4.95 for postage and packing on all orders up to £20 value and £3.95 for orders above £20 value and up to £40 value. For orders above £40 value, there is no charge for postage and packing. If you were using equivalence partitioning to prepare test cases for the postage and packing charges, what valid partitions would you define? What about non-valid partitions?

При использовании секционирования эквивалентности для подготовки тестовых примеров для оплаты почтовых расходов и расходов на упаковку компании, занимающейся доставкой по почте, нам необходимо определить допустимые и недопустимые разделы на основе заданных критериев. Допустимые разделы для стоимости заказов можно определить следующим образом: Раздел 1: Заказы на сумму менее или равную 20 фунтов стерлингов. Раздел 2: Заказы на сумму от 20 фунтов стерлингов до 40 фунтов стерлингов или меньше. Раздел 3: Заказы на сумму более 40 фунтов стерлингов. Недопустимые разделы можно определить следующим образом: Раздел 4: Отрицательные значения или ноль. Раздел 5: значения, превышающие максимально допустимое значение (например, очень большое значение, такое как 1 000 000 фунтов стерлингов). Разделив возможные значения на эти разделы, мы можем создать тестовые примеры, чтобы убедиться в правильности почтовых расходов и расходов на упаковку.

- ✓ 4. You are testing a scale system that determines shipping rates for a regional web-based auto parts distributor. Due to regulations, shipments cannot exceed 100 lbs. You want to include boundary value analysis as part of your black-box test design. How many tests will you need to execute to achieve 100% boundary value analysis?

Weight	0 to 10 lbs.	11 to 25 lbs.	26 to 50 lbs.	51 lbs. to 100
Shipping Cost	\$5.00	\$7.50	\$12.00	\$17.00

☐ 4

☐ 8

☒ 10



☐ 12

✓ 5. An employee's bonus is to be calculated. It cannot be negative, but it can be calculated down to zero. The bonus is based on the length of employment. The categories are: less than or equal to 2 years, more than 2 years but less than 5 years, 5 or more years, but less than 10 years, 10 years or longer. What is the minimum number of test cases required to cover all valid equivalence partitions for calculating the bonus? 10 из 10

☐ 3

☐ 5

☐ 2

☒ 4

