**ОБРАЗЕЦ**

**(примерная структура)**

**контрольного теста по алгебре 8 класс**

**Критерии оценки:**

“5” – 11-12 баллов; “3” – 6-7 баллов;

“4” – 8-10 баллов; менее 6 баллов – неудовлетворительно.

**Часть 1. Обведите кружком верный ответ.**

**(За каждое верно выполненное задание – 1 балл).**

**1**. Сократите дробь .

1. у – 3х; 2) у + 3х; 3) 3х - у 4) 3х + у; 5) другой ответ.

**2.**Упростите выражение ·

1. ; 2); 3) ; 4) ; 5) другой ответ.

**3.**При каком значении а тождественно равны выражения: ?

1) 6; 2) -6; 3) 0; 4) 1,5 5) другой ответ.

**4.** Найдите значение выражения: (5 - + )·

Ответ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5.** Найти сумму и произведение корней квадратного уравнения: 2x2 + 5x – 8 = 0 (по теореме Виета).

Ответ: сумма \_\_\_\_\_\_\_\_\_\_\_\_\_, произведение \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Часть 2. Выполните задание.**

**(За каждое верно и полностью выполненное задание – 2 балла)**

**6.** Избавьтесь от иррациональности в знаменателе выражения:

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**7.** Решите уравнение: ++1=0

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**8 (3 балла).** Найдите область определения функции и постройте ее график:

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