

## **DI Solutions**

### Worksheet - Easy (Level 1)

1. what was the total amount of faculty salaries at College R in 1970 ? \$ 2297600
2. What was the Income from tuition gained by College R in 1980? \$6623000
3. What was the number of faculties in the year 1980? 163
4. In which year, was the ratio of students to faculty is good? 1960
5. What was the average salary received by a faculty in the year 1960? \$ 7500

### Worksheet - Easy (Level 2)

1. The number of students enrolled in 1960 was approximately what fraction of the number enrolled in 1980? option B (5/6)
2. The increase in tuition per student from 1970 to 1980 was approximately how many times as great as the increase from 1960 to 1970? option C (3 times)

### Worksheet – Easy (Level 3)

1. If the increase in the number of students enrolled from 1950 to 1960 was half the increase from 1960 to 1970, what was the student enrollment in 1950? 1435
2. If the total amount of faculty salaries in 1980 was paid from tuition income, approximately how much of each student's tuition was used to pay faculty salaries?  $2,586 = 2600$  (approx)

### Worksheet – Medium

1. How many more pure bred dogs are regd, with ASPCA in Rope county than in Green County? Option C .13,000
2. For Green county and Rope county combined approximately what percent of all dogs registered With ASPCA are mixed breed? Option D. 54

3. Which of the following statements can be inferred from the graphs?

I. More mixed bred dogs are regd with ASPCA in Green country than in Rope county

II More rare bred dogs are in green county than in Rope county.

III. In Rope county twice as many companion dogs are regd as toy dogs

**option C (III only)**

4.How many more terrier are registered with ASPCA in Rope county than in Green county?

**Option B. 3850**

5.The toy dogs registered with ASPCA in Rope county are approximately how much percent more than that of those registered with ASPCA in Green county ? **Option C. 40**

### Worksheet – Hard

1.What was the total number of students enrolled at College R in the fall of 1979? **E 700**

2.By what percent did the number of part-time students enrolled increase from the fall of 1979 to the fall of 1980 ? **Option D. 75%**

3.What was the increase, if any, in the number of full-time students enrolled at College R from the fall of 1976 to the fall of 1977? **Option B 50**

4. In the 1978-1979 school year, if 12% of the amount of contributions allocated to scholarships and operational expenses was allocated to heating costs, approximately how much was NOT allocated to heating costs? **Option D.\$205,000**

5. Approximately what was the total amount of contributions to College R from the year 1978-1979 school year through the 1980-1981 school year inclusive? **Option B. \$ 1,000,000**