

Leadsquared Online Test

Profile: Reports Developer

Section 1:

- 1) select count(employee_id), department from employee group by department;
- 2) Select first_name from employee where manager = (select min(manager) from employee);
- 3) Select employee_ref_Id, monthname(incentive_date), sum(incentive_amount) from incentive group by employee_ref_Id ,monthname(incentive_date);
- 4) select monthname(incentive_date) from Incentives where incentive_amount=(select max(incentive_amount) from Incentives);

Section 2:

- 5) First, we start with the 7-minute and the 4 -minute sand timer. When the 4-minute sand timer ends we turn it upside town instantly.
Thus, **time elapsed= 4 minutes.**
At this instance, 3 minutes of sand is still left in the 7-minute sand timer
Now, once the 7-minute timer ends we turn it upside down instantly.
Time elapsed=7 minutes.
Thus, at this moment, 1 minute of sand is still left in the 4-minute sand timer.

When the 4-minute sand timer ends, only 1 minute would have elapsed in the 7-minute sand timer. Thus, we turn the 7-minute sand timer upside down again for a minute.

Time elapsed= 8 minutes.

When the 7- minute sand time ends the total time elapsed would be 9 minutes.

Final = 8+1= 9 minutes.

- 6) In a family consisting of two children, there are four possibilities:
- i) The first child is a boy and the second child is a boy i.e. (b, b)
 - ii) The first child is a boy and the second child is a girl i.e. (b, g)
 - iii) The first child is a girl and the second child is a boy i.e. (g, b)
 - iv) The first child is a girl and the second child is a girl i.e. (g, g)

We are given that at least one child is a girl, thus there are three possibilities: (b, g), (g, b), (g, g),

Thus, the probability is 1/3.

- 7) The author within the argument concludes that because Ron's cafe increased its business by 10 percent over the last year by advertising within the local station, so other businesses should imitate similarly and thus advertise their businesses on the local radio station as well to make their business more profitable. However, the argument is flawed because it fails to provide sufficient support in favour of the argument.

Firstly, we are told that for Ron's Cafe to increase its business by 10 percent over the last year, it had to advertise within the local radio station, but it's not been mentioned, whether the rise within the business was an offset by the quantity of cash spent on advertisement within the radio channel. If the previous scenario holds true, then companies actually won't be

increasing their profits.

Secondly, we consider that the business for Ron's cafe increased after it advertised within the local radio, but we can't be sure that this may happen for other businesses as well. It could rather be the case that a lot of people that hear the radio could be coffee consumers or some other similar beverage, but won't have an interest in other products. Therefore, the generalization that the author makes supports one case won't hold true for other scenarios or businesses.